

UNIFIED PLANNING WORK PROGRAM

For Hampton Roads
FY-09-10



FY 2010
UNIFIED PLANNING WORK PROGRAM
FOR
HAMPTON ROADS PLANNING DISTRICT COMMISSION

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**PREPARED BY THE STAFF OF THE
HAMPTON ROADS PLANNING DISTRICT COMMISSION**

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GLOSSARY OF TERMS

3-C - Continuing, Cooperative and Comprehensive
AMSC - Virginia Area Maritime Security Committee
ARC - American Red Cross
ASPR - Office of the Assistant Secretary for Preparedness and Response
BMP - Best Management Practices
CBPA - Chesapeake Bay Preservation Act
CBRNE - Chemical, Biological, Radiological, Nuclear and Explosive
CDC - Centers for Disease Control
CEDS - Comprehensive Economic Development Strategy
CHKD - Children's Hospital of the King's Daughters
CIKR - Critical Infrastructure and Key Resources
CMP - Congestion Management Process
COE - United States Army Corps of Engineers
COPS - Community Oriented Policing Services
COTP - Captain of the Port
CPM - Coastal Plain Model
CSB - Community Service Board
CWA - Clean Water Act
CWP - Center for Watershed Protection
CZMA - Coastal Zone Management Act
DCR - Virginia Department of Conservation and Recreation
DEM - Virginia Department of Emergency Management
DEQ - Virginia Department of Environmental Quality
DHR - Virginia Department of Historic Resources
DHS - United States Department of Homeland Security
DOD - United States Department of Defense
DRPT - Virginia Department of Rail and Public Transportation
EMS - Emergency Management Systems
EMTASC - Hampton Roads Emergency Management Training, Analysis & Simulation Committee
EOD - Explosive Ordinance Disposal
EOP - Emergency Operations Plan
EPA - United States Environmental Protection Agency
ERP - Elizabeth River Project
FAA - Federal Aviation Administration
FBI - Federal Bureau of Investigation
FBI WMD - Federal Bureau of Investigation Weapons of Mass Destruction
FEMA - Federal Emergency Management Agency
FHWA - Federal Highway Administration
FRAC - First Responder Authentication Credential
FSE - Food Service Establishment
FTA - Federal Transit Administration
FY - Fiscal Year

GLOSSARY OF TERMS (Continued)

GA - General Assembly
GI - Green Infrastructure
GIS - Geographic Information System
H2O - Help to Others Program
HAZMAT - Hazardous Materials
HJR - House Joint Resolution
HOEPS - Healthcare Organizations Emergency Preparedness Seminars
HOME - Department of Housing and Urban Development Housing Funding Program
HR - Hampton Roads
HR CLEAN - Hampton Roads Litter Control, Recycling and Beautification Program
HR FOG - Hampton Roads Fats, Oils and Grease, Wastewater Education Program
HR GREEN - Hampton Roads Umbrella Education Program
HR STORM - Hampton Roads Stormwater Management Education Program
HR WET - Hampton Roads Water Efficiency Team, Water Conservation Education Program
HRHC - Hampton Roads Housing Consortium
HRICAC - Hampton Roads Interoperable Communications Advisory Committee
HRLFP - Hampton Roads Loan Fund Partnership
HRMMRS - Hampton Roads Metropolitan Medical Response System
HRMMST - Hampton Roads Metropolitan Medical Strike Team
HRPDC - Hampton Roads Planning District Commission
HRSD - Hampton Roads Sanitation District
HRT - Hampton Roads Transit
HRTacRAN - Hampton Roads Tactical Regional Area Network
HRTPO - Hampton Roads Transportation Planning Organization
HSGP - Homeland Security Grant Program
HUD - Department of Housing and Urban Development
IEPCIL - Insight Enterprises, Inc. Peninsula Center for Independent Living
IJ - Investment Justifications
IRS - Internal Revenue Service
IT - Information Technology
LEPC - Local Emergency Planning Commission
LiNX - Law Enforcement Information Exchange
LRTP - Long Range Transportation Plan
MMRS - Metropolitan Medical Response System
MOA - Memorandum of Agreement
MOU - Memorandum of Understanding
MPA - Metropolitan Planning Area
MPO - Metropolitan Planning Organization
MS4 - Municipal Separate Storm Sewer System
MTS - United States Marine Transportation System
MTSRU - Marine Transportation System Recovery Unit
MTSU - Marine Transportation System Unit

GLOSSARY OF TERMS (Continued)

NIPP - National Infrastructure Protection Plan
NOIRA - Notice of Intended Regulatory Action
OCME - Office of the Chief Medical Examiner
OCP - Virginia Office of Commonwealth Preparedness
OEM - Office of Emergency Management
ORION - Overlay Regional InterOperability Network
PARS - Permit Administration and Reporting System
PDC - Planning District Commission
PEMS - Peninsula Emergency Medical Service
RASA - Regional Aquifer-System Analysis
RCPG - Regional Catastrophic Program Grants
REMI - Regional Economic Models, Inc.
REMTAC - Regional Emergency Management Technical Advisory Committee
RLRP - Rural Long Range Transportation Plan
RSMC - Regional Stormwater Management Committee
RTTC - Rural Transportation Technical Committee
SARA - Superfund Amendments and Reauthorization Act
SCC - State Corporation Commission
SDWA - Safe Drinking Water Act
SOP - Standard Operating Procedure
SpN - Special Needs
SSO - Sanitary Sewer Overflow
SSORS - Sanitary Sewer Overflow Reporting System
Stormwater Phase I Permits - The Cities of Chesapeake Hampton, Newport News, Norfolk, Portsmouth and Virginia Beach
Stormwater Phase II Permits - The Cities of Poquoson, Suffolk, Williamsburg and the Counties of Isle of Wight, James City and York.
SWAP - Source Water Assessment Program
SWCB - State Water Control Board
TA - Technical Assistance
TAC - Technical Advisory Committee
TBD - To Be Determined
TEMS - Tidewater Emergency Medical Service
TMDL - Total Maximum Daily Load
TNC - The Nature Conservancy
TPO - Transportation Planning Organization
UASI - Urban Area Security Initiative
UAWG - Urban Area Working Group
UPWP - Unified Planning Work Program
USGS - United States Geological Survey
VCZMP - Virginia Coastal Zone Management Program
VDEM - Virginia Department of Emergency Management
VDH - Virginia Department of Health

GLOSSARY OF TERMS (Continued)

VDHCD - Virginia Department of Housing and Community Development
VDOA - Virginia Department of Aviation
VDOT - Virginia Department of Transportation
VFC - Virginia Fusion Center
VHDA - Virginia Housing Development Authority
VHHA - Virginia Hospital and Healthcare Association
VIMS - Virginia Institute of Marine Science
VMASC - Virginia Modeling, Analysis and Simulation Center
VOAD - Volunteer Organizations Active in Disasters
VPA - Virginia Port Authority
VPDES - Virginia Pollutant Discharge Elimination System
VSMP - Virginia Stormwater Management Program
VSP - Virginia State Police
WebEOC - Web-Based Emergency Operations Center Software
WHRO - Public Telecommunications Center for Hampton Roads
WMD - Weapons of Mass Destruction

INTRODUCTION

The Hampton Roads Planning District Commission (HRPDC) Unified Planning Work Program (UPWP) describes planning work to be performed by the HRPDC staff for the Hampton Roads Planning District Commission during Fiscal Year 2010. It includes regional projects to be undertaken for the region as a whole as well as for subregional groupings of localities and agencies. It also includes local projects to be carried out in cooperation with or on behalf of individual member localities. It functions as a comprehensive guide to the activities of the HRPDC staff and supporting Committees. It represents the agreement between the HRPDC staff and the Commission on the functions and services to be accomplished on behalf of the Commission and its member localities during the Fiscal Year. Each task in the UPWP includes information on who will perform the work, the schedule for completing the work, resulting products, and proposed funding and sources of funds.

The UPWP is required by the Virginia Department of Housing and Community Development, in part, as the basis for the state's annual appropriation to support Planning District Commissions. It is not required as a condition of the various state and federal grants, local contributions or assessments or individual project contracts, which provide the financial support necessary for the functioning of the HRPDC. The primary sources of funding to support the HRPDC are the following:

- Virginia Department of Housing and Community Development (annual appropriation and project grants)
- Member Local Governments (Per capita contribution)
- Member Local Governments (Special Assessments for specific programs)
- Member Local Governments (Contracts)
- Virginia Department of Conservation and Recreation (DCR)
- Virginia Office of Commonwealth Preparedness (OCP)
- Virginia Department of Environmental Quality (DEQ)
- Virginia Department of Emergency Management (DEM)
- Virginia Department of Historic Resources (DHR)
- Virginia Department of Transportation (VDOT)
- United States Department of Homeland Security (DHS)

The planning activities in the UPWP address a wide range of programs, including emergency management, economics, housing and human resources, and physical and environmental planning. Each of these programs concurrently considers many related issues, such as land use, socioeconomic characteristics, transportation, climate change, Environmental Justice, and public involvement and outreach. To ensure the most effective service to the Hampton Roads community, many of the HRPDC functions, as well as those of the Hampton Roads Transportation Planning Organization (HRTPO), require integration and coordination of the agency functions, e.g., climate change, hurricane evacuation and provision of utility and transportation infrastructure. They must and do reflect a common understanding of the region's current and future socioeconomic characteristics.

The FY 2010 HRPDC UPWP is the second such document that formally distinguishes between the HRPDC functions and those of the HRTPO by covering only the HRPDC functions. A separate document details the work activities and functions of the HRTPO. As in the past, the document itself is organized by element number. To assist the HRPDC and other users of this document, the FY 2010 UPWP includes a programmatic guide to the HRPDC's programs. This guide lists the various functional areas covered by the HRPDC along with the primary work tasks or elements that fall within each of these functional areas.

HRPDC STRUCTURE

Hampton Roads Planning District Commission (HRPDC)

The HRPDC is one of 21 planning district commissions (PDCs) in the Commonwealth of Virginia. The HRPDC was created by the region's local governments in 1990 through the merger of the Peninsula and Southeastern Virginia Planning District Commissions. The two predecessor PDCs were created by the localities in 1969 pursuant to the Virginia Area Development Act, which was enabling legislation setting forth the minimum requirements for PDCs and allowing local governments to create PDCs. The initial PDC boundaries were established by the state based on socioeconomic characteristics and geographical conditions. The region's localities voluntarily created the HRPDC and its predecessors through a regionally executed charter agreement. Bylaws adopted by the HRPDC govern the operations of the Commission itself.

According to Section 15.2-4207 of the Code of Virginia, the purpose of PDCs is “. . . to encourage and facilitate local government cooperation and state-local cooperation in addressing on a regional basis problems of greater than local significance.” While Section 15.2-4200 et seq. provides great detail on the functions and operations of PDCs, the following excerpts from the Code provide a broad overview of the purpose and duties of PDCs.

§ 15.2-4201. Purpose of chapter.

This chapter is enacted:

- 1. To improve public health, safety, convenience and welfare, and to provide for the social, economic and physical development of communities and metropolitan areas of the Commonwealth on a sound and orderly basis, within a governmental framework and economic environment which will foster constructive growth and efficient administration.*
- 2. To provide a means of coherent articulation of community needs, problems, and potential for service.*

3. *To foster planning for such development by encouraging the creation of effective regional planning agencies and providing the financial and professional assistance of the Commonwealth.*
4. *To provide a forum for state and local government on issues of a regional nature.*
5. *To encourage regional cooperation and coordination with the goals of improved services to citizens and increased cost-effectiveness of governmental activities.*
6. *To deter the fragmentation of governmental units and services.*

§ 15.2-4208. General duties of planning district commissions.

Planning district commissions shall have the following duties and authority:

1. *To conduct studies on issues and problems of regional significance;*
2. *To identify and study potential opportunities for state and local cost savings and staffing efficiencies through coordinated governmental efforts;*
3. *To identify mechanisms for the coordination of state and local interests on a regional basis;*
4. *To implement services upon request of member localities;*
5. *To provide technical assistance to state government and member localities;*
6. *To serve as a liaison between localities and state agencies as requested;*
7. *To review local government aid applications as required by §15.2-4213 and other state or federal law or regulation;*
8. *To conduct strategic planning for the region as required by §§15.2-4209 through 15.2-4212;*
9. *To develop regional functional area plans as deemed necessary by the commission or as requested by member localities;*
10. *To assist state agencies, as requested, in the development of substate plans;*

- 11. To participate in a statewide geographic information system, the Virginia Geographic Information Network, as directed by the Department of Planning and Budget; and*
- 12. To collect and maintain demographic, economic and other data concerning the region and member localities, and act as a state data center affiliate in cooperation with the Virginia Employment Commission.*

According to state statute, the HRPDC Charter and the HRPDC Bylaws, membership on the Commission is based on population, with each jurisdiction having at least two members. All member localities are represented on the Commission by a majority of local elected officials and the Chief Administrative Officer. One member from each jurisdiction sits on the HRPDC Executive Committee. The Executive Committee provides oversight to the HRPDC's activities through monthly meetings held between the quarterly meetings of the full HRPDC.

The Executive Director, selected by the HRPDC, manages the daily operations of the HRPDC's professional staff, and serves as the Commission's elected Secretary. The HRPDC staff serves as a resource of technical expertise to its member jurisdictions on issues pertaining to economics, emergency management, housing and human resources, physical and environmental planning, and transportation. The HRPDC staff also serves as the support staff for the HRTPO and, as such, carries out the policy, technical and administrative aspects of the metropolitan transportation planning process. In addition, the HRPDC staff carries out the rural transportation planning process for Southampton County and the City of Franklin.

In carrying out its statutory responsibilities, the HRPDC has adopted the following mission statement:

- *To serve as a forum for local and elected officials and chief administrators to deliberate and decide issues of regional importance;*
- *To provide the local governments and citizens of Hampton Roads credible and timely planning, research and analysis on matters of mutual concern; and*
- *To provide leadership and offer strategies and support services to other public and private, local and regional agencies, in their efforts to improve the region's quality of life.*

Membership

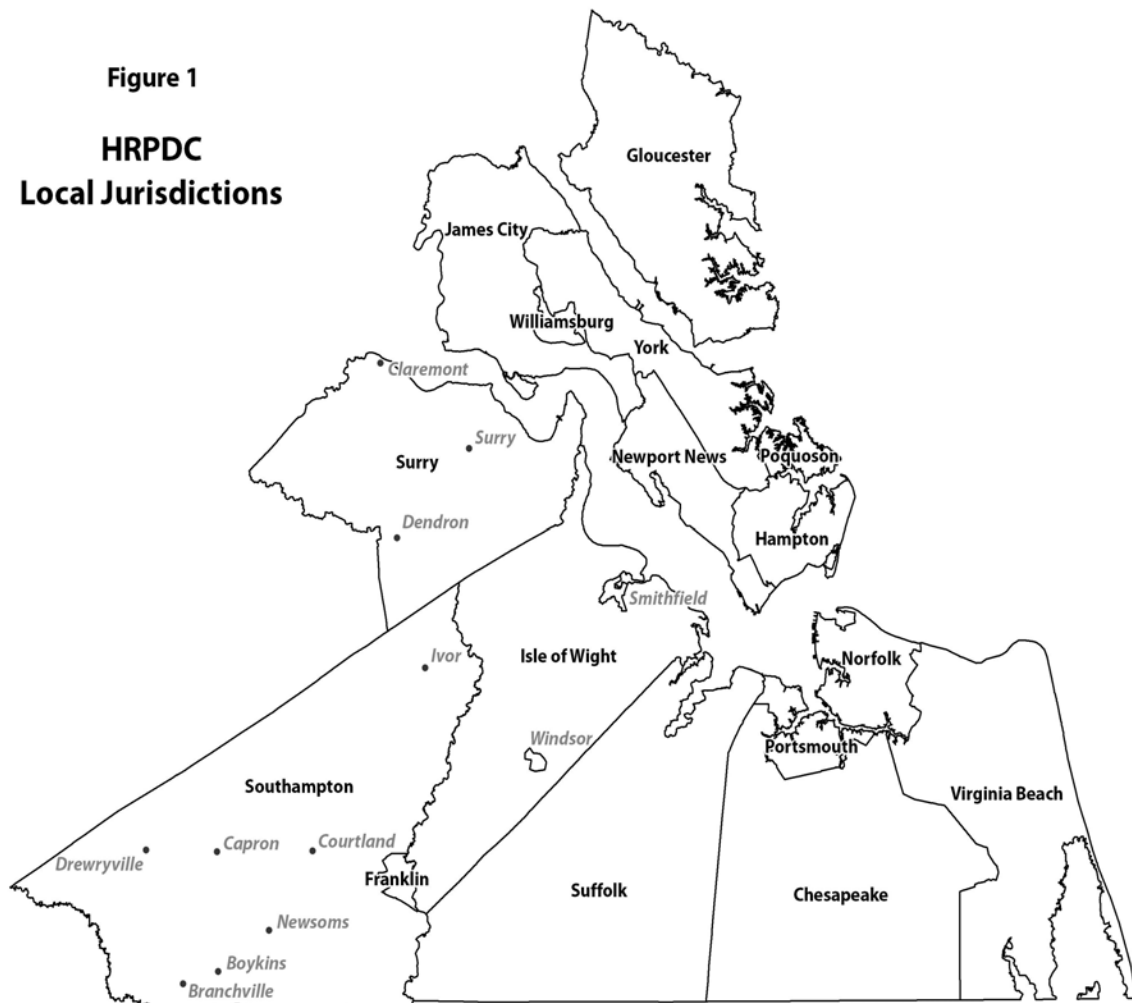
The Hampton Roads Planning District includes the following jurisdictions:

Cities of Chesapeake, Franklin, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach and Williamsburg and the Counties of Gloucester, Isle of Wight, James City, Southampton, Surry and York. Gloucester County is also a

member of the Middle Peninsula PDC and Surry County is also a member of the Crater PDC. See Figure 1 for a map of the Hampton Roads Planning District.

The Hampton Roads Planning District also includes eleven towns, whose interests are represented on the Commission through the Counties in which they are located. The Towns of Smithfield and Windsor are located in Isle of Wight County. Southampton County is home to the Towns of Boykins, Branchville, Capron, Courtland, Ivor and Newsoms. The Towns of Claremont, Dendron and Surry are located in Surry County. Depending on the program, these Towns are involved to various degrees in regional studies and activities. While not members of the HRPDC, the Towns of Smithfield and Windsor are full and active participants in a number of HRPDC programs.

Figure 1
HRPDC
Local Jurisdictions



Hampton Roads Transportation Planning Organization (HRTPO)

As indicated previously, the HRPDC staff also serves as the policy, technical and administrative staff for the Hampton Roads Transportation Planning Organization (HRTPO). The HRTPO was formerly known as the HRMPO. The name change is the result of an extensive reform process undertaken by the HRTPO Board in cooperation with the member localities, the cognizant state and federal agencies and the public.

The HRTPO is the region's vehicle for meeting federal transportation planning requirements for urbanized areas with populations greater than 50,000. The HRTPO Board is a policy board designated by the Governor and, together with the State, is responsible for carrying out the continuing, cooperative, and comprehensive (3-C) metropolitan transportation planning process. Any highway or transit project or program to be constructed or conducted within the Metropolitan Planning Area (MPA) and to be paid for with federal funds must receive approval by the MPO Board (HRTPO) before any federal funds can be expended. In addition, any highway or transit project deemed to be regionally-significant, regardless of the source(s) of funding, must receive MPO (HRTPO) approval to proceed.

The Hampton Roads TPO (HRTPO) is one of fourteen Metropolitan Planning Organizations in the Commonwealth of Virginia. Membership of the HRTPO includes representatives from each of the cities, counties, and public transit agencies within the metropolitan planning area (MPA), plus the Virginia Department of Transportation (VDOT), the Virginia Department of Rail and Public Transportation (DRPT), the Virginia Port Authority (VPA), Virginia Department of Aviation (VDOA), the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the Federal Aviation Administration (FAA), and the Hampton Roads Planning District Commission (HRPDC).

HRPDC Committee Structure

The HRPDC staff works closely with staff from the member local governments, regional, state and federal agencies. Local government and state and federal agency staff participate actively in the complex advisory committee structure which works to ensure that HRPDC programs meet the needs of the region's localities and citizens. The HRPDC Committees include subject area experts from each of the member local governments appointed by the Chief Administrative Officers of the localities. Several Committees also include representatives from the Towns of Smithfield and Windsor and various regional agencies, such as Hampton Roads Sanitation District, Hampton Roads Transit, Southeastern and Peninsulas Public Service Authorities and others. Representatives from state and federal agencies with program responsibilities in the activities that fall under the purview of the various Committees also participate in an ex officio capacity.

In several instances, the HRPDC has formalized operation of programs through Memoranda of Agreement (MOA) among the HRPDC, member local governments, affected Towns and appropriate regional agencies. These include:

- Regional Groundwater Mitigation Program Memorandum of Agreement
- Memorandum of Agreement Concerning Development of a Regional Water Supply Plan
- Regional Stormwater Management Program Memorandum of Agreement
- Sanitary Sewer Overflow Memorandum of Agreement
- Southern Watershed Special Area Management Program Memorandum of Agreement, including several subagreements.
- Memorandum of Agreement on HR FOG Enforcement
- Hampton Roads H2O – Help To Others – Program Articles of Incorporation and Bylaws

There are also a number of MOAs governing regional emergency management activities.

Standing Committees – Physical and Environmental Planning

Directors of Utilities Committee. The HRPDC Directors of Utilities Committee is charged with addressing technical, policy and administrative issues associated with the planning and operation of the region's water supply and wastewater systems, as well as a range of broad water resource management issues. The Committee includes the Director of Utilities or a senior representative from the sixteen member local governments, Towns of Smithfield and Windsor, the Hampton Roads Sanitation District and the HRPDC. Semiannually, the committee meets jointly with the local Directors of Health and the Virginia Department of Health to discuss issues of mutual concern associated with drinking water and other water quality issues. The following subcommittees have been established by the Directors of Utilities Committee:

- Capacity Team. The Capacity Team is responsible for coordinating the technical aspects of implementing the Regional Sanitary Sewer Overflow (SSO) Consent Order. It includes representatives from the wastewater functions of the affected local governments, HRSD, HRPDC and consultants to the local governments.
- HR FOG Technical Subcommittee. The HR FOG Technical Subcommittee was established to develop a regionally consistent program for managing fats, oils and grease in the wastewater system, including training. This effort supports compliance with the Regional SSO Consent Order. Representatives from the affected local governments (wastewater operations and City Attorneys), HRSD and HRPDC participate on the Committee.
- HR FOG Education Subcommittee. The HR FOG Education Subcommittee was established to develop and implement regional education programs concerning management of fats, oils and grease in the wastewater system. This effort supports compliance with the Regional SSO Consent Order. The Subcommittee includes representatives from the Public Utilities and Public Works Departments (technical, education and marketing) from the localities, HRSD and HRPDC.

- Wastewater (SSO) Legal Team. The SSO Legal Team is charged with coordinating technical and policy response to the legal issues associated with the Regional SSO Consent Order and potential federal Consent Decree with HRSD. Representatives from HRSD, HRPDC and the fourteen affected local governments (Public Utilities/Public Works and Attorneys) as well as outside counsel for the members participate on the Legal Team. (Franklin, Southampton and Surry are not parties to the Consent Order.)
- Water Supply Planning Subcommittee. The Water Supply Planning Subcommittee was established to address technical issues associated with development of the regional water supply plan. It includes water supply professionals from the sixteen member local government public utilities departments, the Towns of Smithfield, Windsor and HRPDC.
- HR WET (Water Conservation Education) Subcommittee. This subcommittee was established to develop and implement a regional water conservation education program. It includes education and public information staff representing the participating local government public utilities departments, HRSD and HRPDC.
- Regional Groundwater Management Subcommittee. This Subcommittee was established to assist the Directors of Utilities Committee and the HRPDC staff in addressing technical issues associated with the state's groundwater regulations, development and refinement of the Coastal Plain Groundwater Model, and groundwater studies conducted by DEQ and the U.S. Geological Survey. Membership includes groundwater experts from the localities and the HRPDC Regional Geologist with input from several groundwater modeling consultants in the region.

Regional Stormwater Management Committee. The Regional Stormwater Management Committee is charged with supporting implementation of programs required by the Municipal Separate Storm Sewer System Permits, issued by the state to twelve of the region's localities, evaluation of technical, regulatory and policy initiatives in stormwater management and related programs such as erosion and sediment control and water quality planning, such as the Total Maximum Daily Load Program. The Committee includes the Stormwater Permit Program Administrator from the twelve permitted localities, their counterparts from the other four localities, HRSD and HRPDC. Representatives from the region's five Soil and Water Conservation Districts, U.S. Navy and state Departments of Conservation and Recreation and Environmental Quality participate in an ex officio capacity. Four Subcommittees have been established to assist the Regional Stormwater Management Committee:

- Stormwater Phase I Subcommittee. The Cities of Chesapeake, Hampton, Newport News, Norfolk, Portsmouth and Virginia Beach, governed by the Phase I Stormwater Permits, and the HRPDC address issues associated with implementation of the Phase I Stormwater Permits.

- Stormwater Phase II Subcommittee. The Cities of Poquoson, Suffolk, Williamsburg and the Counties of Isle of Wight, James City and York, governed by Stormwater Phase II Permits, VDOT and the HRPDC address implementation of the Phase II Stormwater Permits through the Stormwater Phase II Subcommittee.
- HR STORM (Stormwater Management Education) Subcommittee. HR STORM was established by the Regional Stormwater Management Committee to develop and implement a regional stormwater education program. A primary purpose of this initiative is to support local government compliance with the Stormwater Permits, both Phase I and Phase II. The Subcommittee includes education, technical and public information staff from the public works and related departments and HRPDC. The military, Soil and Water Conservation Districts, VDOT and DCR participate in an ex officio capacity.
- Stormwater Legal Team. The Stormwater Legal Team is charged with coordinating technical and policy response to the legal issues associated with the proposed Stormwater Phase I Permits and changes to the Virginia Stormwater Management Regulations. Membership includes representatives from HRPDC, the six affected local governments (Public Works and City Attorneys) and outside legal counsel.

Environmental Planning Committee. The Environmental Planning Committee is a new Committee being created from an expanded Hampton Roads Chesapeake Bay Committee. (See Below) It will include representatives from the local planning departments and other departments with environmental planning responsibilities and HRPDC as well as from state, federal and regional agencies. It will be tasked with addressing environmental sustainability, energy conservation, green infrastructure, climate change, water quality, and other planning issues that may cut across functional lines.

Hampton Roads Watershed Roundtable. The Hampton Roads Watershed Roundtable is a vehicle for information exchange, education and development of technical recommendations among representatives of the private sector and local governments. The Roundtable focuses on water quality, green building and energy issues. Its structure is fluid with participants varying from meeting to meeting based on the issues being addressed.

Hampton Roads H2O – Help To Others – Program Board. The H2O Program is a 501(c)(3) nonprofit corporation, organized by the region's localities, HRPDC and HRSD to assist local residents who are unable to pay their water or sewer bill due to an emergency situation. The Board is charged with oversight and direction of the H2O Program. It consists of the Director of Utilities or his/her designee from fourteen of the member localities, the Towns of Smithfield and Windsor and HRSD. The HRPDC provides administrative staff support to the H2O Program. The HRSD manages the financial aspects of the Program.

HR CLEAN Litter Control, Recycling and Beautification SubCommittee. HR CLEAN is charged with developing a cooperative regional education program addressing litter control, recycling and beautification. Membership includes the local Clean Community Coordinator from fourteen of the member local governments and HRPDC. The military and the region's two public service authorities participate as nonvoting members.

Project Committees – Physical and Environmental Planning

Hampton Roads Chesapeake Bay Implementation Subcommittee. Formerly the Hampton Roads Chesapeake Bay Committee, the Implementation Subcommittee has been reconstituted to focus on implementation of the local Chesapeake Bay Preservation Act Programs. Local staff for implementation of that program and HRPDC serve on the Committee with staff from the DCR, Division of Chesapeake Bay Local Assistance functioning in an ex officio capacity.

Elizabeth River Steering Committee. The Elizabeth River Steering Committee was established to provide local and state guidance to the Elizabeth River Restoration Study conducted by the U.S. Army Corps of Engineers (COE). It has now been expanded to function as the stakeholder and technical advisory committee for Total Maximum Daily Load water quality studies for the River. Membership includes representatives of the four localities in the Basin (Planning, Public Works, Public Utilities, Economic Development and Parks and Recreation), the COE, The Elizabeth River Project, academia, HRSD, HRPDC and several state and federal agencies. Basin localities are the Cities of Chesapeake, Norfolk, Portsmouth and Virginia Beach.

Lynnhaven River Steering Committee. The Lynnhaven River Steering Committee is charged with providing state and local oversight of the Lynnhaven River Restoration Study conducted by the U.S. Army Corps of Engineers. Membership includes representatives of several City of Virginia Beach departments, the COE, Virginia Institute of Marine Science and HRPDC.

Energy Efficiency and Conservation Block Grant Program Subcommittee. This new subcommittee has been established to facilitate coordination of local government programs being developed through the federal Energy Efficiency and Conservation Block Grant Program, which was funded through the 2009 federal stimulus funding. Members include representatives of the member local governments and HRPDC.

Urban Forestry Roundtable. This ad hoc committee is examining potential regional planning for urban forest management and restoration, potential tree canopy legislation and related issues. Membership includes local government representatives (Arborists, Planning and Parks and Recreation), Virginia Departments of Conservation and Recreation and Forestry, Soil and Water Conservation Districts, Virginia Extension Service and HRPDC.

Rural Transportation Technical Committee

A Rural Transportation Technical Committee (RTTC) was formed in February 2007 and includes representatives from the City of Franklin, Southampton County, Virginia Department of Transportation, Virginia Department of Rail and Public Transit, Franklin Municipal Airport, CSX Railroad, Norfolk Southern Railroad, and the Federal Highway Administration.

The RTTC meets to discuss transportation issues, policies, and priorities for the rural areas of Hampton Roads to complement planning efforts in the metropolitan areas of the region. The RTTC helps with the development of the Rural Long Range Transportation Plan (RLRP), which will be used to evaluate the transportation system with respect to existing and projected population and employment in the rural areas and to recommend a range of transportation improvements that best satisfy existing and future transportation needs.

Emergency Management Committees

Regional Emergency Management Technical Advisory Committee (REMTAC). The Regional Emergency Management Technical Advisory Committee (REMTAC) serves to strategically coordinate planning and resources to better prepare the region for a natural, technological or manmade disaster. Membership includes emergency management from each HRPDC member jurisdiction. Invited guests that regularly attend and participate include the Virginia Department of Emergency Management (VDEM), the Hampton Roads Metropolitan Medical Response System (HRMMRS), the Military and others as invited and/or needed.

REMTAC has also established and helps direct the following subcommittees:

- Debris Management Subcommittee. The Debris Management Subcommittee of REMTAC is responsible for reviewing and maintaining the debris management contracts, addressing debris management coordination, and overseeing the FEMA/FHWA reimbursement process for compliance in the region associated with post-hurricane cleanup. Membership includes HRPDC locality representatives from Public Works, Emergency Management, Virginia Department of Transportation, VDEM, HRPDC, the U.S. Army Corps of Engineers, Southeastern Public Service Authority, and the Virginia Peninsula Public Service Authority.
- WebEOC Subcommittee. The WebEOC Subcommittee of REMTAC is responsible for facilitating collaboration, providing regional guidance, establishing standard operating procedures, and making recommendations for regional WebEOC implementation and operations. Membership includes HRPDC locality representatives from Emergency Management, Communications and Information Technology (IT), VDEM, the Hampton Roads Metropolitan Medical Response System (HRMMS), the HRPDC, and an onsite representative from ESi, Inc. (the developer of WebEOC).

- Pet Sheltering and Evacuation Subcommittee. The Pet Sheltering and Evacuation Subcommittee of REMTAC is responsible for furthering pet management disaster planning in Hampton Roads. The subcommittee is tasked with developing a standardized list for the equipment and supply cache to be placed in Urban Area Security Initiative (UASI) grant acquired pet sheltering/evacuation trailers, developing policies, and procedures for sharing of these trailers/caches (MOUs) among the jurisdictions, and the placement/storage of each trailer. Membership includes HRPDC locality emergency managers, local animal control officers, Virginia Department of Agriculture and Consumer Services, and the Virginia State Animal Response Team.
- Special Needs Subcommittee. The Special Needs (SpN) Subcommittee of REMTAC is responsible for coordinating/collaborating with multiple stakeholders to address special needs (both medical and social) for the purpose of planning in emergency management mitigation, preparedness, response and recovery. Membership includes HRPDC locality emergency managers, and representatives from the Departments of Human Services/Social Services, Community Service Boards (CSB's), HRMMRS, the Virginia Hospital and Healthcare Association (VHHA), the American Red Cross (ARC), Insight Enterprises, Inc. Peninsula Center for Independent Living (IEPCIL), the Endependence Center, Virginia Department of Health (VDH), Volunteer Organizations Active in Disasters (VOAD), Disability Services Boards/Commissions for People with Disabilities, ESI, Hampton Roads Transit (HRT), VDEM, HRPDC, Dominion Power, Goodwill, CHKD (Care Connection), and Dialysis Centers.

The SpN Subcommittee includes two Working Groups:

- ✓ Public Outreach Working Group. The Public Outreach Working Group is a sub-group of the SpN Subcommittee charged with the development of a Public Outreach Plan that includes creating press releases, brochures and flyer content, and marketing materials.
- ✓ Operational Working Group. The Operational Working Group is a sub-group of the SpN Subcommittee charged with developing a Special Needs Appendix for locality Emergency Operations Plans (EOPs) by developing output measures on integrating the medical needs registry and WebEOC at the local level, providing sheltering parameters for both medical/social needs, and developing a shelter typing document. The final task is to promote this annex for local adoption into EOP's.
- Healthcare Organizations Emergency Preparedness Seminars (HOEPS) Work Group. HOEPS, a REMTAC initiative, has the objective to provide public outreach/education, primarily through annual seminars, regarding emergency preparedness to those who work in health care organizations such as: Home Health, Assisted Living Facilities, Case Management, Adult Daycare, Group

Hampton Roads Urban Area Working Group (UAWG). The HR UAWG is a committee that provides overall governance of the Urban Area Security Initiative across the regional area encompassed within the defined urban area; all 16 jurisdictions of Hampton Roads. The UAWG provides effective program governance and coordinates program implementation. Responsibilities of the UAWG include coordinating development and implementation of all program initiatives (including development of the Urban Area Homeland Security Strategy, investment identification and justification, funding allocation methodologies, in cooperation with the State Administrative Agent, and any direct services that are delivered by grants and training. The UAWG is also responsible for ensuring that all programmatic requirements associated with participation in the Homeland Security Grant Programs Urban Area Security Initiative (UASI) are fulfilled. Stakeholders (members) and their appointing authority consist of representatives from City/County Administration, Law Enforcement, Emergency Management, Emergency Medical Services, Fire, Health, Virginia Port Authority, FBI and/or a Virginia Fusion Center, Public Utilities, Surry Nuclear Power Plant, Communications, HRMMRS and Citizen Corps. In addition, the UAWG has nonvoting representatives from the following: VDEM, Office of Commonwealth Preparedness (OCP), HRPDC, Higher Education and Public Transit.

The UAWG has also established and helps direct the following subcommittee:

- Capability Assessment Subcommittee. The Capability Assessment Subcommittee is responsible for overseeing the implementation of the FY 2008 UASI Risk and Capabilities Assessment. Subcommittee membership includes local emergency managers, the Central Virginia Urban Area Working Group, the Virginia Port Authority, the Virginia Fusion Center, the HRPDC, and a representative from the Grants Program Office of the Virginia Department of Emergency Management.

Hampton Roads Metropolitan Medical Response System – Primary Committees

- HRMMRS Oversight Committee. The HRMMRS Oversight Committee provides expert advice and guidance in the areas of: training, equipment, supplies, pharmaceuticals distribution, communications, budgets, exercises and drills, to the HRMMRS Program Manager, and the Hampton Roads MMRS program, on all matters related to HRMMRS planning and operations, including an “all-hazards” approach for medical response to disasters of all types. Membership consists of: Commissioners and staff of the HRPDC, Hazardous Material staff (HAZMAT), REMTAC, Public Health Director, Fire Chief, Police Chief, Federal Bureau of

Investigation Weapons of Mass Destruction (FBI WMD) WMD Coordinator, Military, Hospital, VDEM, Emergency Physicians, CSB Executive Director, Office of the Chief Medical Examiner (OCME), American Red Cross, Strike Team and HealthCare Committee. It is chaired by the Executive Director of TEMS, with the Executive Director of PEMS as vice-chair.

- HRMMRS Strike Team Committee. The HRMMRS Strike Team Committee was established to recruit and review recommendations for new and replacement members, conduct periodic review of Strike Team operating procedures and revise as needed, identify training courses, facilitate in regional exercises, evaluate need for additional and/or replacement equipment and supplies, support the role of the Strike Team in regional agencies, organizations, exercises, and events, review and recommend funding sources for above duties. Membership consists of: Strike Team Task Force Leaders and Operations Sections Chiefs, a representative from each jurisdiction in which an agency, state, or private organization has sponsored a member, HRPDC staff, and one representative from each jurisdiction that supports a Strike Team equipment cache and/or a Strike Team communications cache. It is co-chaired by a Task Force Leader from the Peninsula and a Task Force Leader from the Southside.
- HRMMRS Health Care Committee. The HRMMRS HealthCare Committee was established to strengthen medical surge capabilities in Hampton Roads, strengthen mass prophylaxis capabilities, strengthen emergency triage and pre-hospital treatment capabilities, identify areas of need and arrange training accordingly, facilitate participation of healthcare providers in regional emergency preparedness exercises, support Hampton Roads Medical Reserve Corps programs, support regional emergency preparedness planning for special needs populations, strengthen interoperable communication capabilities among hospitals, public health, public safety, and emergency management, support development of regional fatality management plans, review and recommend funding sources from HRMMRS, ASPR, UASI and Regional Catastrophic Program Grants (RCPG) grants. Membership consists of: representatives from Hampton Roads hospitals, public health departments, medical reserve corps programs, EMS agencies, emergency management, American Red Cross, medical examiner's office, nursing homes, military treatment facilities, HRPDC staff, and other healthcare providers. This committee is co-chaired by a hospital representative and a public health representative, one from the Peninsula and one from the Southside.

External Committees

In addition to the many HRPDC staff level Committees and Subcommittees, the HRPDC staff, on behalf of the region's localities, serves on a number of federal, state, regional and local government advisory committees. The HRPDC staff also represents the region on advisory committees established by various nonprofit, public interest organizations that provide particular expertise in support of or complementary to the initiatives of the HRPDC and its member local governments. External Committee

participation by HRPDC ranges from broad program committees to Technical Advisory Committees for specific regulatory initiatives. The HRPDC frequently plays a leadership role in these external committees.

**HRPDC UNIFIED PLANNING WORK PROGRAM
FY 2009 - 2010
PROGRAMMATIC INDEX**

TASKS – PHYSICAL AND ENVIRONMENTAL PLANNING

Regional Planning and Technical Assistance

2911 – Gloucester County Comprehensive Plan
2930 – Northwest River Watershed Management Plan
2010 – HRPDC Staff Support and Technical Assistance
2012 – James City County Green Infrastructure Plan
2020 – Comprehensive Environmental Planning
2921 – Regional Historic Resources Database
2081 – Regional Dredging Program
Potential Projects - TBD

Regional Water Program

2040 – Hampton Roads Water Efficiency Team (HR WET)
2050 – Ground Water Management Program – Mitigation Administration
2051 – Water Technical Assistance
2052 – Water Priority Projects
2053 – Regional Ground Water Management Program – Continuing Studies with USGS
2054 – Drinking Water Quality Education
2055 – Hampton Roads Source Water Assessment Program
2057 – Hampton Roads H2O – Help To Others – Program

Regional Stormwater Management Program

2070 – Regional Stormwater Management Program – Technical
2071 – Stormwater Education Program (HR STORM)
2873 – Stormwater Consultant Assistance – Permit Development and Support and Reporting System (PARS)
2074 – Extreme BMP Makeover Project
2075 – Stormwater Phase II Program
2076 – Stormwater Legal Consultant

Regional Wastewater Program

2090 – Wastewater Program – Consent Order Support, Special Projects, Reporting System (SSORS)
2092 – Wastewater Education Program (HR FOG)

Regional Coastal Zone Management Program

2960/2060 – Regional Coastal Zone Management Technical Assistance Program
2961 – Regional Green Infrastructure Project
2962/2062 – Regional Climate Change Project

Watershed Planning

2982 – Total Maximum Daily Load Studies and Implementation Plans

298208 Mill/Powhatan Creeks (James City County)

208201 Nansemond River (Suffolk)

208202 Nansemond River (Isle of Wight)

Elizabeth River

Other Watersheds (TBD)

2991/2091 – Elizabeth River Restoration Study

29982098 – Lynnhaven River Restoration Study

Litter Control and Recycling Education Program

2095 – HR CLEAN – Technical and Administrative Support

2096 – HR CLEAN Educational Materials

TASKS - EMERGENCY MANAGEMENT

3980 – Regional Emergency Management

3987 – Metropolitan Medical Response System Sustainability (MMRS)

398907 – MMRS – FY 07 Grant

398908 – MMRS – FY 08 Grant

398909 – MMRS – FY 09 Grant

First Responder Authentication Credential (FRAC)

630007 FY 2007 Grant

630008 FY 2008 Grant

Urban Area Security Initiative (UASI)

650007 Department of Homeland Security Urban Area Security Initiative (UASI) FY 07 Grant

650008 Department of Homeland Security Urban Area Security Initiative (UASI) FY 08 Grant

650009 Department of Homeland Security Urban Area Security Initiative (UASI) FY 09 Grant

TASKS - HOUSING AND HUMAN SERVICES

3001 – Housing and Human Services – Technical Assistance

300410 – Hampton Roads Loan Fund Partnership (HRLFP) Administrative Support

300500 – Hampton Roads Loan Fund Partnership (HRLFP) Homeowner Assistance

TASKS - RURAL TRANSPORTATION PLANNING

4701 – Rural Transportation Planning (Grant from VDOT. Serves Franklin, Southampton and Surry)

Rural Long Range Transportation Plan

Congestion Management Process

Technical Assistance and Coordination

Technical Assistance to Statewide Plan

TASKS – ECONOMICS

591000 – Hampton Roads Economic Data Book

591500 – Regional Benchmarking

593000 – Economic Impact Studies

594000 – Annual Economic Forecast

595500 – Economic Technical Assistance

596500 – Hampton Roads Economic Quarterly

597300 – Regional Competitiveness

598300 – Comprehensive Economic Development Strategy

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Staff Support and Technical Assistance

HRPDC staff support and technical assistance are provided on a regional basis, not only to its member local jurisdictions, but also to a variety of regional organizations. This participation involves a number of different types of services which, when viewed separately, do not constitute a separate and distinct work element. The level of staff support may only require a telephone call response, attendance at a meeting or series of meetings, or it could involve a period of study for several days or weeks over the year. The work anticipated could consist of taking minutes of meetings, scheduling meetings, to maintaining financial records for other agencies.

The following is a list of agencies that will receive some form of staff support or technical assistance. In order to identify the department within the staff that has the primary support role, work activity codes have been assigned to that group. Transportation staff support and technical assistance are identified in a separate section of the UPWP.

- HRPDC Commission, Executive Committee, and Chief Administrative Officers meetings (no direct charges, all are of benefit to total operations) (9990)
- Hampton Roads Mayors and Chairs Caucus (no direct charges, all are of benefit to total operations) (9990)
- Hampton Roads Partnership (9990)
- Hampton Roads Telecommunications Advisory Committee (9990)
- Municipal Construction Standards Committee (6700)
- Hampton Roads Sanitation District (2010)
- Southeastern Public Service Authority of Virginia (2010)
- Virginia Peninsulas Public Service Authority (2010)
- Regional Raw Water Study Group (2010)
- Statewide Advisory Board for the Virginia Water Resources Research Center (2010)
- South Hampton Roads Resource Conservation and Development Council (2010)
- Soil and Water Conservation Districts (2010)

Throughout the Fiscal Year, the staff will meet with members of the region's General Assembly Delegation, as appropriate, to advise and discuss matters of regional importance.

Throughout the Fiscal Year, the staff will meet with the Editorial Boards of the region's major news media, as appropriate, to advise them on matters of regional importance.

This Task also includes the ongoing Regional Intergovernmental Review Process (2010). The HRPDC will continue to serve as the Regional Clearinghouse for review of:

- Applications for state and federal grant funds.
- Federal, state and local development and facilities plans.

Technical assistance will be provided to the jurisdictions on short-term projects such as grant applications, review of plans and studies, assistance with regulatory proposals, comments on other planning matters, facilitation of various local and agency initiatives and analysis of state and federal actions.

When requested, the staff will provide ongoing technical input to major local planning efforts, such as:

- City, County and Town Comprehensive Plans
- City, County and Town Development Ordinances

The HRPDC will work with WHRO in providing citizens with public information and education concerning the activities of the HRPDC. This will include special issues educational information and public forums, as well as on-line polls, and representation in the various regional speakers' bureaus.

The staff will perform specific technical assistance projects, including technical analyses, graphic design and printing for other governmental agencies, non-profit entities and private enterprise. Payment for such efforts will include personnel costs, in accordance with the policy in the HRPDC Personnel Policies and Procedures Manual, as well as other direct and indirect costs. (8XXX)

Products: Letters, Memoranda, Reports

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2010	HRPDC	\$104,602		HRPDC
1955	HRPDC	\$ 53,362		HRPDC
67005	Local Governments	\$ 59,378		HRPDC/ Consultant
67108	Sales	\$8,000		HRPDC
8XXX	HRPDC	\$Unknown		HRPDC
9990	HRPDC	\$Unknown		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

James City County Green Infrastructure Plan

James City County has requested the HRPDC staff to assist it developing a green infrastructure plan for the County. This effort will entail application of the regional work performed by the HRPDC staff under Task 2961 to the County. It will entail “ground truthing” regional data for the County, identifying data gaps and working with County staff to fill those gaps, examination of linkages to adjacent jurisdictions, mapping, ordinance review and development of recommendations for consideration in the County’s Comprehensive Plan update process.

Products: Report

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2012	James City	\$TBD		HRPDC

PENDING CONTRACT

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Comprehensive Environmental Planning Program

Over the past several years, the HRPDC has worked with representatives of the various environmental and education committees to address strategic environmental planning issues. Through this process, steps to better coordinate the regional environmental education program have been undertaken; potential institutional structures to elevate policy level involvement and consideration of environmental issues have been identified; and, the need to better integrate various elements of the HRPDC Environmental Planning Program have been recommended.

Through the comprehensive environmental planning program, the HRPDC staff will continue to pursue the following tasks:

- **Environmental Strategic Plan**
 - Maintain environmental database.
 - Identify and prioritize environmental issues for advisory committee and Commission consideration.
 - Participate in state and federal legislative and regulatory initiatives and technical studies on behalf of the Commission and member localities.
 - Prepare appropriate briefing materials and presentations.
 - Evaluate funding needs and options for long-term sustainability of comprehensive environmental planning program.
 - Continue to make presentations to public and private groups concerning environmental programs and issues.
- **Watershed Planning and Regulation Integration**
 - Identify conflicting and duplicative state and federal watershed planning and regulatory initiatives.
 - Facilitate consideration of issues that cut across local government departmental or functional lines.
 - Working with advisory committees, devise strategy for integrating these programs to minimize impacts on local governments while achieving program goals.
 - Evaluate institutional structures that would facilitate implementation of an integrated watershed management strategy.
- **Media Relations.** Working with the localities, the HRPDC staff will prepare appropriate materials for distribution to the media, explaining cooperative regional environmental programs and explaining local government innovation and

successes in environmental management. These materials may include press releases and “op ed” pieces.

- **Legislative Activity.** The HRPDC staff will continue efforts to facilitate consensus recommendations on legislative matters being considered by the Virginia General Assembly and the U.S. Congress. These recommendations will take the form of broad statements of principles and policy that will guide the staff and members of the HRPDC environmental committees in working with state and federal agency staff and interest groups on legislative matters of concern to the localities.
- **Benchmarking.** The HRPDC staff will undertake a study to compare Hampton Roads’ environmental programs and progress to comparable and reference regions. This study will also attempt to identify best practices for regional consideration of environmental issues.
- **Green Infrastructure.** The HRPDC staff will continue to facilitate regional efforts to identify the components of a green infrastructure system for Hampton Roads. This initiative will also address the present state goal for land conservation, facilitation of cooperative efforts involving the localities, DOD agencies, the state and private nonprofits, and identification of funding opportunities to support the regional system.

All elements of this Task will involve completion of technical studies and analysis; conduct and sponsorship of appropriate educational opportunities for Commission members, local elected and planning officials and staff; facilitation and coordination of Committee efforts.

Products: Briefing papers, reports, workshops, educational materials.

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2020	HRPDC	\$176,571		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Hampton Roads Water Efficiency Team

The HRPDC acts, on behalf of the sixteen member local governments, as administrative agent for the Hampton Roads Water Efficiency Team (HR WET). This program, which is a cooperative water conservation education program, began in 1994. This program involves the following activities:

- Conservation Education - Maintenance of Mobile Display Trailer, Media Advertising and Business Education Program and development of new education programs targeted at specific audiences, e.g. military, rural localities and schools.
- Research - Maintenance of Information Clearinghouse and Regional Database.
- Publications/Products - Conservation videos, table top display, brochures, audio/video supplies and consumables
- HRPDC Program Management - This element includes provision of administrative/financial management support, including administrative oversight of any contractors retained to support the program.
- HRPDC Participation in HR WET activities, including serving as liaison between the Directors of Utilities Committee and HR WET members.

Funding for HR WET activities and programs is provided through a special local government assessment.

Products: Program Management, Educational Materials, Report

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2040	Local Governments	\$16,082		HRPDC
2041	Local Governments	\$48,689		HRPDC
	HRPDC Subsidy	\$ 25		HRPDC
2043	Local Governments	\$97,000		HRPDC/Vendors
2943	Local Governments	\$50,000		HRPDC/Vendors
2741	Local Governments	\$ 554		HRPDC
2840	Local Governments	\$ 2,735		HRPDC
2841	Local Governments	\$15,924		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Regional Ground Water Management Program - Mitigation Administration

On behalf of the local governments, the HRPDC will continue the regional ground water mitigation program. Through this program, the HRPDC provides ground water hydrology and computer modeling expertise and technical support to the fifteen participating member local governments. This project includes the following activities:

- Hampton Roads Regional Mitigation Program, including analysis of impacts of ground water withdrawals and administration of the program.
- Local Ground Water Studies.
- Ground Water Education.
- Administrative support and coordination for cooperative ground water program with the U. S. Geological Survey (USGS).
- Work with USGS, the Department of Environmental Quality and the localities to refine implementation of the state ground water regulatory programs.
- Work on the ground water components of the regional water supply plan.

A Memorandum of Agreement among the then fifteen participating localities and the HRPDC, covering the operation and functions as well as the special local assessment for this program, was executed in June 1994, renewed in Spring 2000 for the period from January 1, 2000, through December 31, 2005, and renewed in 2006 for the period ending on December 31, 2010. The Memorandum of Agreement will be evaluated, modified as needed and considered for renewal in this fiscal year.

This project is funded through a special local government assessment.

Products: Letters, Memoranda, Reports

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2050	Local Governments	\$111,302		HRPDC
	HRPDC Subsidy	\$ 380		HRPDC
2650	Local Governments	\$ 54,855		HRPDC/Vendor
2750	Local Governments	\$ 3,384		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Water Technical Assistance

A variety of legislative and regulatory issues affecting public water supply are under consideration at the state and federal levels. Regulatory initiatives in response to the current federal Safe Drinking Water and Clean Water Acts as well as the Virginia Drinking Water Regulations and State Water Control Law are being developed.

The HRPDC staff will participate and monitor these efforts in cooperation with the Directors of Utilities Committee. Also, the HRPDC staff will participate with members of the Directors of Utilities Committee in briefing other groups and localities on related issues. Issue papers and analyses of the impacts of various legislative and regulatory initiatives on local governments will be developed for consideration by the Directors of Utilities Committee and the Commission.

The HRPDC staff will continue to provide administrative and technical support to the Directors of Utilities Committee, facilitation of the Committee process and support for special regional water initiatives, including the Rapid Toxicity Testing Program, H2O - Help To Others – Program, the Water Quality Advertising initiative and the Hampton Roads Water Utilities Award Program at the Tidewater Science Fair.

This task includes funding from two (2) carryover elements:

- Rapid Toxicity Testing Study (2559)
- Ground Water Studies (2451)

Carryover funding for these two elements will be used to support ongoing work on these two tasks, as directed by the Directors of Utilities Committee.

This project is funded through a special local government assessment.

Products: Issue Papers, Memoranda, Consensus Position Statements

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2051	Local Governments	\$30,874		HRPDC
245105	Local Governments	\$ 1,300		HRPDC/ Consultant
2559	Local Governments	\$ 1,544		HRPDC/HRSD

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Water Priority Projects

The Directors of Utilities Committee has identified, in a preliminary fashion, a number of issues that it may wish to explore on a cooperative regional basis during the Fiscal Year. They include water supply planning; emergency preparedness, including water system security; water conservation studies, and continued enhancement of communications between the local Departments of Health and Utilities. Other issues are being explored. Through this task, the HRPDC staff will facilitate Committee efforts to address these issues, including undertaking appropriate technical studies and analyses.

The following issues have been identified for consideration through this task:

- Development of a regional plan (s) to enable Hampton Roads local governments to comply with the Local and Regional Water Supply Planning Regulations of the Virginia Department of Environmental Quality.
- Evaluation of aging infrastructure issues and cost implications.
- Value of public drinking water.
- Consideration of water system security issues.
- New consultant contracts (Continuing Services Agreements) have been executed for pending water, as well as stormwater and wastewater, related activities on an as needed basis. Tasks, the specifics of which are unknown at this time, will be identified by the appropriate Committees. Work will be supported through special local assessments paid by localities participating in the consultant project (s).

This project is funded through a special local government assessment.

Products: Issue Papers, Memoranda, Reports, Consensus Position Statements

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2052	Local Governments	\$58,953		HRPDC
	HRPDC Subsidy	\$ 1,100		HRPDC
2652	Local Governments	\$ 8,231		HRPDC
2852	Local Governments	\$30,433		HRPDC/Vendor

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Regional Ground Water Management Program - Continuing Studies

On behalf of the local governments, the HRPDC administers a cooperative, cost-sharing agreement with the U.S. Geological Survey to continue to develop and refine the ground water model and related ground water data base for Eastern Virginia. Under this program, the USGS is responsible for the collection of field data, computerization of the data, refinement of the computer model of the Coastal Plain ground water system and computer evaluation of the data. The HRPDC provides contract management, administrative support and coordination for this effort with USGS, DEQ and the localities through Task 2850.

This project encompasses four discrete, but mutually supportive, elements:

- Water Level Network - Continuation.
- Chloride Monitoring Network – Continuation
- Analysis of the Quality of Ground Water in the Coastal Plain
- Coastal Plain Model (CPM) Analysis – The FY08-09 contract has been extended. The contract was modified to include:
 - Updating the pumpage input files for 2004-2007,
 - Recommending a transient simulation that represents steady state conditions,
 - Comparing the hydraulic heads simulated in the new CPM model to the heads in the RASA model and the 80% criteria, and
 - Estimating the sustainable yield of the Coastal Plain aquifers.

The Directors of Utilities Committee will establish a new contract and tasks with the FY 09-10 budget based on DEQ's actions regarding the new CPM model and the pending Notice of Intended Regulatory Action (NOIRA) to be issued by the Virginia Department of Environmental Quality for the groundwater regulations.

This project is funded through a special local government assessment.

Products: Letters, Memoranda, Reports

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2053	Local Governments	\$147,450		HRPDC/USGS
	U.S. Geological Survey	\$147,450		USGS

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Water Quality Advertising

Since FY 1998 - 1999, the HRPDC staff, on behalf of the HRPDC Directors of Utilities Committee, has coordinated regional initiatives focusing on the quality of the region's drinking water. Beginning in January 2000, the Directors of Utilities Committee determined that one or more advertisements should be developed to highlight the quality and value of the region's drinking water. The specific theme of the annual advertisements is identified by the Directors of Utilities Committee in April or May. This element covers the direct costs associated with purchasing the advertising. Administrative costs are covered through Task 2851 - Water Technical Assistance.

Residual funds are used annually to support the Tidewater Science Fair either through Fair sponsorship or presentation of the Hampton Roads Water Utility Awards, which are presented to the students with the top projects addressing water supply and quality issues. They may also be used to support other special projects as determined by the Directors of Utilities Committee.

This project is funded through a special local government assessment.

Products: TV Commercials, Awards

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2054	Local Governments	\$7,500		HRPDC/Vendors
2954	Local Governments	\$7,500		HRPDC/Vendors
2854	Local Governments	\$7,500		HRPDC/Vendors
2754	Local Governments	\$7,500		HRPDC/Vendors
2454	Local Governments	\$1,965		HRPDC/Vendors

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Source Water Assessment Program

The federal Safe Drinking Water Act established the Source Water Assessment Program. States are required to complete the assessments for each public water supply in the state. During the period from December 1999 through Spring 2002, the HRPDC, with grant funding from the Virginia Department of Health and the localities, completed the assessment of all surface water sources serving the Hampton Roads region. The assessment involved delineating watershed boundaries and source water assessment areas and identifying land uses and land use activities within those areas that pose a risk of contamination to drinking water sources. Through this project, a comprehensive Geographic Information System (GIS) and database were developed. The Virginia Department of Health approved the Hampton Roads Source Water Assessment during 2002.

This project provides for ongoing maintenance and use of the GIS and database by the HRPDC to support local watershed management activities. Assistance in the use of the database and GIS will be provided to the localities. The Directors of Utilities Committee may consider new cooperative approaches to watershed management and protection. This task provides the vehicle for HRPDC staff support for such initiatives.

The focus of this effort during the Fiscal Year continues to be the watershed protection elements of the regional water supply plan. Additional work such as updating the database or developing a source water protection plan will be considered based on the water supply plan.

This project is funded through a special local government assessment.

Products: Reports, Maps, Technical Assistance

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2055	Local Governments	\$18,755		HRPDC
	HRPDC – Subsidy	\$ 500		HRPDC
2655	Local Governments	\$10,280		HRPDC
2655	HRPDC – Subsidy	\$ 750		HRPDC
2855	Local Governments	\$11,169		HRPDC/Vendor

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

H2O – Help To Others - Program

In 1999, the localities of Hampton Roads created the H2O – Help To Others – Program to provide one-time financial assistance to individuals who are unable to pay their water and wastewater bills. Fourteen of the sixteen member localities, the Towns of Smithfield and Windsor, and the Hampton Roads Sanitation District participate in the program. Assistance to individuals is funded through contributions made by citizens. Program administration costs are absorbed by the individual utilities and, for the HRPDC, are carried under Task 2851 – Water Technical Assistance.

During the past two fiscal years, steps have been taken to incorporate the Program as a nonprofit to ensure the deductibility of donations. The State Corporation Commission approved the incorporation of the H2O Program in November 2007. The H2O Program Board of Directors held its organizational meeting in March 2009. An application for IRS approval of the non-profit status of the program and the tax deductibility of donations is being finalized. Other administrative steps are being taken to permit reactivation of the program during mid-2009. This task provides for printing of donation envelopes and informational materials.

This project is funded through a special local government assessment.

Products: Envelopes. Educational Materials

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2057	Local Governments	\$20,000		HRPDC/Vendors
2957	Local Governments	\$20,000		HRPDC/Vendors
2857	Local Governments	\$20,000		HRPDC/Vendors
2757	Local Governments	\$20,000		HRPDC/Vendors
2657	Local Governments	\$20,001		HRPDC/Vendors
2557	Local Governments	\$10,832		HRPDC/Vendors

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Coastal Resources Management Program - Technical Assistance

The HRPDC has applied for a grant from the Department of Environmental Quality (DEQ) through the Virginia Coastal Zone Management Program (VCZMP) to continue its program of technical assistance to the local governments on environmental issues. This effort will focus on activities that directly support the Core Elements of the VCZMP and that provide a communication link between the region's localities and state and federal environmental programs. Under this program, the staff will undertake the following activities:

- Coordinate local and regional review of and response to state and federal environmental impact statements, regulatory and legislative initiatives, shoreline development and other environmental issues and proposals.
- Complete regional environmental studies, which are of relatively small scale and short duration.
- Facilitate local government consideration of major coastal resource issues, including land conservation, energy policy and climate change.
- Serve as a liaison and information clearinghouse between state and federal environmental programs, such as the Chesapeake Bay Program, and the local governments.
- Assist local jurisdictions, as requested, in the development of comprehensive plans, development ordinances, and studies, which may have an impact on coastal resources, including assistance to CBPA implementation efforts.
- Provide information and education about coastal resources to local government staff and the public.
- Maintain and coordinate the environmental elements of the HRPDC Geographic Information System.

The project is scheduled to run from October 1, 2009 through September 30, 2010.

Products: Letters, Memoranda, Reports, Seminars, Public Speaking

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2060	DEQ (VCZMP)	\$40,000		HRPDC
	HRPDC Match	\$40,000		HRPDC

PENDING CONTRACT

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Climate Change Study

This task will involve building on the previous collection and analysis of information on climate change and associated ramifications, an initial attempt to identify economic and infrastructure impacts, development of a set of draft policy recommendations and development of a framework for both mitigating and adapting to climate change within the region. The project is scheduled to be complete on September 30, 2010.

Products: Reports

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2062	DEQ (VCZMP)	\$40,000		HRPDC
	HRPDC Match	\$40,000		HRPDC
PENDING CONTRACT				

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Regional Stormwater Management Program

The Regional Stormwater Management Committee has determined a number of activities to be undertaken through this program, which is a continuation of ongoing activities, including HRPDC staff technical efforts in legislative and regulatory monitoring and input; technical analysis; support for the regional coordination process; consultant management; and education. Ongoing development and refinement of the program is a cooperative venture between the HRPDC staff and the HRPDC Regional Stormwater Management Committee (RSMC). A Memorandum of Agreement (MOA) formally establishing the Hampton Roads Regional Stormwater Management Program was executed by the HRPDC and the region's localities during 2003 and renewed in 2008. That MOA outlines the roles and responsibilities of the HRPDC, the localities and the RSMC in carrying out the Program.

The Regional Stormwater Management Program includes the following components.

Permit Strategy

The region's six communities governed by the Phase I Stormwater Permit Regulations applied for new permits in Fall 2005. Issuance of these new permits is still pending review and approval by the Department of Conservation and Recreation. The region's six communities governed by the Phase II Stormwater Permit Regulations applied for and received new General Permits in December 2007. (Details of the Stormwater Phase II Program are addressed through Task 2075.) The content and direction of both Phase I and Phase II permits is being driven by new enforcement and compliance initiatives being pursued by the U.S. Environmental Protection Agency; by legislation, enacted by the 2004 Session of the General Assembly; and, by evolving state regulations. Revised state regulations, which will require further changes in the local programs, are expected to be promulgated before the end of Calendar Year 2009. The HRPDC staff and RSMC members are actively involved in a variety of state Technical Advisory Committees associated with this process. The HRPDC staff and RSMC will continue efforts to implement a strategy that will enable the localities to comply with these new initiatives, while continuing to meet the region's needs in a cost-effective manner.

Technical Support:

- Continue legislative and regulatory monitoring. This activity includes technical review of legislative and regulatory proposals, development with the Committee of consensus position statements on such proposals, and participation on state and federal advisory committees. HRPDC staff will prepare, as appropriate, digest summaries of legislative and regulatory proposals dealing with stormwater

management and related issues. A major focus of this activity will be the state effort to develop new Stormwater Management Program and Fee Regulations and criteria for delegation of the construction permits to local governments.

- Support for regional coordination process. This involves continued facilitation and staff support for the Committee process and preparation of the annual Regional Coordination Summary Report.
- Regional Effectiveness Report. In 2001, the Regional Effectiveness Indicators Program was incorporated into the Virginia Pollutant Discharge Elimination System Permits for the Municipal Separate Storm Sewer Systems of the Cities of Chesapeake, Hampton, Newport News, Norfolk, Portsmouth and Virginia Beach. The HRPDC staff will continue to coordinate this program, compile needed information from the affected communities and prepare a report, analyzing and summarizing this information for the participating localities and on a regional basis. This report will be submitted by the localities in compliance with their permit conditions. It is expected that revisions to this effort will be necessary to address new permit requirements. Because of delays by the state in issuing the new stormwater permits, the Phase I localities are still required to complete the Effectiveness Indicators Report. HRPDC staff will prepare these reports.
- Permit Administration and Reporting System (PARS). The HRPDC staff and Committee continue to work with a consultant to develop a web-based system of tracking and reporting Permit elements to comply with state requirements. This system will be refined and, ultimately, replace the Effectiveness Indicators System. The HRPDC staff will administer and manage the PARS system.

Consultant Management:

- A consultant has been retained under a Continuing Services Agreement to assist the localities in permit related activities. The consultant is presently working on the PARS system. It is not presently known what additional tasks may be directed to the consultant during the coming year. If consultant work continues, the HRPDC will manage the consultant.
- New consultant contracts (Continuing Services Agreements) have been executed for pending stormwater, as well as water and wastewater, related activities on an as needed basis. Tasks, the specifics of which are unknown at this time, will be identified by the appropriate Committees. Work will be supported through special local assessments paid by localities participating in the consultant project (s).

Education Program:

- The HRPDC staff will continue to staff the Stormwater Public Information and Education Subcommittee (HR STORM). This effort includes facilitation of the HR STORM Subcommittee process; budget management; management of consultant

contracts; development and implementation of an advertising program, coordinated with the HR WET, HR CLEAN and HR FOG programs to ensure cost-effectiveness; coordination of stormwater, water conservation and watershed management education programs; and development of specific educational materials and programs. The HRPDC will sponsor and conduct educational workshops, as appropriate, to support the regional programs. During the fiscal year, the region will partner with the Department of Conservation and Recreation to support the "Chesapeake Club" marketing campaign. The HRPDC staff will prepare the annual program report.

This program is supported by a special local government assessment.

Products: Educational Materials, Consensus Position Statements, Reports, Letters, Briefing Materials

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2070	Local Governments	\$75,311		HRPDC
	HRPDC Subsidy	\$ 700		HRPDC
2071	Local Governments	\$52,798		HRPDC
	HRPDC Subsidy	\$ 225		HRPDC
2072	Local Governments	\$75,000		HRPDC/Vendors
2076	Local Governments	\$60,000		Legal Consultant
2870	Local governments	\$13,960		HRPDC
2871	Local Governments	\$12,645		HRPDC
2873	Local Governments	\$50,000		Consultant
2972	Local Governments	\$50,000		HRPDC/Vendors
2673	Local Governments	\$13,798		Consultant
2174	Workshop Participants	\$ 1,000		HRPDC/Sponsors

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Extreme BMP Makeover Project

The Center for Watershed Protection (CWP) has received funding from the Chesapeake Bay Program to support an analysis of Stormwater Best Management Practices (BMP) and to determine more appropriate BMPs to reduce nutrient discharge to the Chesapeake Bay and its Tributaries.

The Regional Stormwater Management Committee has determined that participation in this project is important for the local governments in implementing their local stormwater management programs and meeting permit requirements. The Committee has indicated its general support for the project and its desire to participate in a coordinated fashion through the HRPDC.

To facilitate that effort, the CWP has contracted with HRPDC for activities that will support involvement of the Hampton Roads localities in the project and to facilitate consideration by the Hampton Roads localities of the resulting recommendations. This is a three year project, which begin in March 2008.

Products: Reports, Meeting Agendas and Minutes

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2074	CWP	\$17,500		HRPDC
2974	CWP	\$13,000		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Stormwater Phase II Program

The HRPDC will facilitate refinement and implementation of a coordinated regional response to Stormwater Permit requirements affecting the Cities of Poquoson, Suffolk, and Williamsburg and the Counties of Isle of Wight, James City and York. These communities, as required by state and federal regulations, obtained Virginia Pollutant Discharge Elimination System Permit for their Municipal Separate Storm Sewer System in March 2003 and renewed in December 2007. The stormwater management programs being implemented by the localities through their permits were developed cooperatively over the past six Fiscal years. As of July 9, 2008, the Phase II localities in Hampton Roads are now covered under the revised General VSMP permit for small MS4s. This new permit requires the localities to focus an increased amount of resources on BMP maintenance, reporting and water quality. This task supports ongoing local implementation and refinement of the local stormwater management programs to meet the new regulatory requirements.

The following tasks will be undertaken:

- Complete Annual Reports required by the stormwater discharge permits for the six Phase II localities.
- Incorporate Phase II tracking and reporting needs into the PARS System.
- Develop and conduct pollution prevention and stormwater management training programs, as required by the local permits.
- Develop educational materials for use by the Phase II localities.
- Assist the localities with ongoing program development, implementation and evaluation.
- Facilitate discussions between the localities and various state agencies to Facilitate local discussion of the evolving state regulations and their potential impact on the local programs. This includes participation on the state's Technical Advisory Committee charged with developing the regulations and on the BMP Clearinghouse Committee.

The funding to support any regional stormwater consultant effort for the six Phase II localities is provided through this task.

The Stormwater Phase II Subcommittee guides this program, which is supported by a special local government assessment.

Products: Educational Materials, Model Agreements, Process Facilitation, Reporting

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2075	Local Governments	\$102,500		HRPDC
	HRPDC - Subsidy	\$ 300		HRPDC
2875	Local Governments	\$ 62,699		HRPDC/Consult.
2775	Local Governments	\$ 19,493		HRPDC/Consult.
2675	Local Governments	\$ 74,970		HRPDC
2575	Local Governments	\$ 37,973		HRPDC/Consult
2475	Local Governments	\$ 14,018		HRPDC/Consult.
2375	Local Governments	\$ 34,401		HRPDC/Consult.

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Regional Dredging Program

The HRPDC staff will facilitate a regional dredging planning and coordination program. An Advisory Committee of representatives of the region's sixteen localities has been convened to coordinate this program. The following issues are being addressed through the Regional Program:

- Maintenance dredging of recreational waterways in Hampton Roads.
- Maintenance dredging of major navigation channels.
- Maintenance dredging and related snagging on nontidal streams.
- Dredging of stormwater management facilities. Differences among public and private facilities must be considered. This is the initial priority identified by the Committee.
- Dredge material disposal.
- Permit issues associated with various dredging needs and disposal options.

Consideration must be given to policy, technical, financing and intergovernmental coordination factors in addressing each of these issues. It can be expected that additional issues will surface as the regional process proceeds.

A report with recommendations on the best approaches to addressing regional dredging needs and associated disposal issues will be developed.

Products: Reports, Briefing Papers

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2081	HRPDC	\$15,636		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Regional Wastewater Program

The HRPDC staff will facilitate a regional wastewater planning program to develop regional solutions to wastewater management issues identified by the Directors of Utilities Committee in cooperation with the Hampton Roads Sanitation District. Issues being addressed include:

Sanitary Sewer Overflows. The process of addressing this issue began in December 2000. Since that time, a Standard Operating Procedure for Assessing and Reporting Overflows (SSORS), training materials for local staff and a web-based reporting procedure have been developed. Implementation and refinement will continue. The HRPDC staff will work with DEQ in its efforts to expand the reporting system to a statewide program. Consultant assistance will be used to provide technical support to the localities in its implementation. The HRPDC staff will continue to manage the system and provide routine assistance to the localities and DEQ in its implementation.

Consent Orders. The HRPDC staff will continue to coordinate the regional process involving the Department of Environmental Quality, Hampton Roads Sanitation District and the fourteen localities within the HRSD, to implement the Regional Consent Order, which establishes local and regional responsibilities for addressing sanitary sewer overflows and related wastewater system management activities. The order was executed by the localities, HRSD and DEQ in September 2007. Through a Memorandum of Agreement among the localities, HRSD and the HRPDC, the HRPDC staff will facilitate ongoing implementation of required elements. This effort also involves continued coordination of the regional response to the EPA Administrative Order issued to HRSD and the ongoing consideration of an EPA Consent Decree to HRSD.

Grit and Grease Disposal. During FY 2002-2003, the HRPDC completed an analysis of the feasibility of developing a regional system of facilities for management of grit and grease removed from the wastewater system. Siting of specific facilities and development of multi-jurisdictional agreements for operation and financing of these facilities were pursued during the past three fiscal years. The Hampton Roads Sanitation District is designing the South Shore facility. A separate effort, in cooperation with the City of Newport News, is underway to design a facility to serve Peninsula localities. Once all contracts are in place, implementation will be the responsibility of the localities and HRSD.

Educational Program – HR FOG. During FY 2004-2005, the Directors of Utilities Committee, a subcommittee and the HRPDC staff finalized the direction and scope of the HR FOG educational program. An enhanced program, including regional

advertising, a website, and publications, has begun. This is a key activity, which will facilitate compliance with the consent order.

Complementing the education program is the continued HRPDC staff support and assistance to the FOG technical program. This includes support for adoption of a regionally consistent FOG Ordinance and Regional Memorandum of Agreement by all parties to the Regional SSO Consent Order. Part of the Ordinance package calls for regional coordination of training for food service establishments (FSEs) and grease haulers. Training has been offered using HRPDC staff resources and will be enhanced through development of a web-based training program for both of these sectors.

Wastewater Priority Projects. During the course of the year, additional projects may be identified by the Directors of Utilities Committee. It is expected that wastewater system security and aging infrastructure will be topics for consideration. New consultant contracts (Continuing Services Agreements) have been executed for pending wastewater, as well as water and stormwater, related activities on an as needed basis. Tasks, the specifics of which are unknown at this time, will be identified by the appropriate Committees. Work will be supported through special local assessments paid by localities participating in the consultant project (s).

This program is funded through a special local government assessment.

Products: Reports, Briefing Papers,

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2090	Local Governments	\$84,000		HRPDC
	Local Governments	\$25,000		HRPDC/Consult.
	HRPDC – Subsidy	\$ 1,400		HRPDC
2890	Local Governments	\$33,577		HRPDC/Vendors
2990	Local Governments	\$13,000		HRPDC/Vendors
2092	Local Governments	\$50,000		HRPDC/Vendors
2992	Local Governments	\$40,000		HRPDC/Vendors
2892	Local Governments	\$19,000		HRPDC/Vendors
2258	Local Governments	\$ 439		HRPDC/Vendors

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Elizabeth River Restoration Feasibility Study

The U.S. Army Corps of Engineers has received funding to conduct the Preconstruction Engineering and Design Phase of the Elizabeth River Restoration Project. Matching funds are being provided by the Commonwealth of Virginia and the Cities of Chesapeake, Norfolk, Portsmouth and Virginia Beach. This study effort began in 1997. At the request of the Study participants, the HRPDC staff chairs the Steering Committee and provides logistical support to the process. The COE has contracted with the HRPDC to continue this activity through July 2010.

The mission of the Steering Committee has been expanded to include serving as the Steering Committee for the Elizabeth River TMDL projects and to examine a broad range of regulatory and policy issues as they affect the Elizabeth River Watershed. The latter project is linked to the evolving Watershed Action Plan of The Elizabeth River Project. Financial support for these activities will be provided through a contract with the Virginia Department of Environmental Quality and the HRPDC Technical Assistance Program.

Products: Meeting Agendas. Meeting Minutes

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2091	U.S. COE	\$11,250		HRPDC
	HRPDC - Subsidy	\$ 400		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Hampton Roads Clean Community System

The Hampton Roads Clean Community System is a regional coalition of local Clean Community and Recycling Coordinators. It promotes litter prevention, recycling, beautification and general environmental awareness through educational programs designed to reach all segments of the Hampton Roads community, although specific program activities may target particular segments of the population.

The regional educational and advertising program, addressing these issues, known as HR CLEAN, began on July 1, 2000. The HRPDC provides administrative and technical support for the program. This program involves the following activities:

- Educational messages to be broadcast on radio, television and/or cable.
- Educational materials to be distributed through the HRPDC and participating localities.
- HRPDC Program Management.
- Technical and logistical support for the annual Clean Community Connections Conference.

The advertising campaign will be refined and enhanced during the fiscal year. Indicators of program effectiveness will be developed and tracked. A report, documenting the program and its effectiveness will be prepared and submitted to the Commission and to the participating localities.

This program is funded through a special local government assessment.

Products: Program Management, Educational Materials, Report

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2095	Local Governments	\$26,280		HRPDC
2096	Local Governments	\$51,088		HRPDC/Vendors
2996	Local Governments	\$40,000		HRPDC/Vendors
2896	Local Governments	\$10,000		HRPDC/Vendors

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Lynnhaven River Restoration Study

The U.S. Army Corps of Engineers has received funding to conduct the Lynnhaven River Watershed Restoration Study. A Steering Committee, comprised of state, federal and local representatives, has been convened to guide this study. The HRPDC has been requested by the primary study participants, the City of Virginia Beach and the COE, to chair the Steering Committee and provide logistical support to the study process. The Steering Committee began meeting in February 2002 to guide the Reconnaissance Study, which was completed in early 2003. Local Non-Federal Sponsor funding is being provided by the City of Virginia Beach to support the Feasibility Study. The HRPDC has contracted with the City of Virginia Beach to facilitate the Steering Committee effort.

Products: Meeting Agendas, Meeting Minutes

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2098	Virginia Beach	\$3,750		HRPDC
2998	Virginia Beach	\$3,750		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Gloucester County Comprehensive Plan

HRPDC staff will provide planning and technical support to Gloucester County in the update of the County's September 1991 Comprehensive Plan. The scope of work for the project includes analysis of demographic, economic, infrastructure and environmental issues associated with the Plan, update of the County's future land use map and assistance with the stakeholder involvement process. HRPDC staff will prepare draft and final versions of the Plan in conjunction with Gloucester County staff. The project start date was April of 2009 and the projected end date is September of 2010.

Products: Presentations

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2911	Gloucester	\$40,000		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Hampton Roads Historic Resources

The HRPDC has obtained funding from the Virginia Department of Historic Resources to support development of the Regional Historic Resources Geographic Information Systems Database for Hampton Roads. This multi-phase project began in December 2006. Phase I was completed in May 2008. It included development of a database and GIS coverage for the Peninsula localities and Gloucester for archaeological resources. Phase II is scheduled to run from May 2008 through May 2010 and complete the development of the database and GIS coverage of architectural resources for the entire region.

The phasing and schedule for this project is tied to available financial support from the DHR and available HRPDC staff resources.

Products: Report, GIS Coverage and Database.

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2921	DHR	\$7,000		HRPDC
	HRPDC Match	\$7,000		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Northwest River Watershed Management Plan

HRPDC staff is providing planning and technical assistance in the preparation of a watershed management plan for the Northwest River in the City of Chesapeake. The scope of work for the project includes analysis of existing development controls, development of alternative build-out scenarios for the watershed, update of the Source Water Assessment for the City of Chesapeake, examination of sea level rise impacts and consolidation of this information into a final report. The project started in April of 2008 and will conclude in December of 2009.

Products: Report, educational materials.

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2930	TNC/Chesapeake HRPDC Subsidy	\$Carryover TBD \$15,378		HRPDC HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Coastal Resources Management Program - Technical Assistance

The HRPDC has received a grant from the Department of Environmental Quality (DEQ) through the Virginia Coastal Zone Management Program (VCZMP) to continue its program of technical assistance to the local governments on environmental issues. This effort will focus on activities that directly support the Core Elements of the VCZMP and that provide a communication link between the region's localities and state and federal environmental programs. Under this program, the staff will undertake the following activities:

- Coordinate local and regional review of and response to state and federal environmental impact statements, regulatory and legislative initiatives, shoreline development and other environmental issues and proposals.
- Complete regional environmental studies, which are of relatively small scale and short duration.
- Facilitate local government consideration of two major coastal resource issues.
 - ✓ A regional conservation corridor system, which continues work begun in FY 2005 under Task 2561.
 - ✓ Energy issues as they may impact on the Hampton Roads region.
 - ✓ Climate change, as it may impact on the Hampton Roads region. This will include monitoring the activities of the Governor's Commission on Climate Change.
- Serve as a liaison and information clearinghouse between state and federal environmental programs, such as the Chesapeake Bay Program, and the local governments.
- Assist local jurisdictions, as requested, in the development of comprehensive plans, development ordinances, and studies, which may have an impact on coastal resources, including assistance to CBPA implementation efforts.
- Provide information and education about coastal resources to local government staff and the public.
- Maintain and coordinate the environmental elements of the HRPDC Geographic Information System.

The project is scheduled to run through September 30, 2009.

Products: Letters, Memoranda, Reports, Seminars, Public Speaking

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2960	DEQ (VCZMP)	\$20,000		HRPDC
	HRPDC Match	\$20,000		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Green Infrastructure Program

HRPDC staff is in the process of updating the regional green infrastructure network to both reflect recent modeling work undertaken by the Virginia Department of Conservation and Recreation and to incorporate new information on parks, trails and other recreational amenities. This project also includes development of a system for prioritizing on a regional basis future land acquisition through potential grant funds. The project is scheduled to be complete on September 30, 2009.

Products: Reports

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2961	DEQ (VCZMP) HRPDC Subsidy	\$9,000 \$ 700		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Climate Change Study

This task will involve collection and analysis of information on climate change and associated ramifications, identification of significant data gaps and areas for future study, a set of presentations and discussions with a diverse set of stakeholders to assist in prioritizing issues associated with climate change and development of a framework for both mitigating and adapting to climate change within the region. The project is scheduled to be complete on September 30, 2009.

Products: Reports

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2962	DEQ (VCZMP)	\$24,000		HRPDC
	HRPDC Match	\$24,000		HRPDC
	HRPDC Subsidy	\$ 1,700		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

TMDL Studies and Implementation Plans

Several water bodies in the Hampton Roads area have been classified as “impaired waters” according to the state Water Quality Standards. The Virginia Department of Environmental Quality (DEQ) is required to complete TMDL (Total Maximum Daily Load) studies of each of them. Following completion of the TMDL Study, which determines the sources of the contamination and the pollutant reductions that are necessary to restore the waters, an Implementation Plan must be completed in order to comply with the requirements of the federal Clean Water Act and the Virginia State Water Control Law.

This project provides for continuing the TMDL Partnership with the Virginia DEQ. Through this Partnership, DEQ has contracted with the HRPDC to prepare in a cooperative manner the TMDL Studies for the impaired waters in Hampton Roads. The HRPDC facilitates the Outreach component of the DEQ-run TMDL study effort and subsequently develops the Implementation Plans in cooperation with DEQ and the affected localities. Funding to support this initiative is provided, in part, by the Department of Environmental Quality. Additional funding to meet match requirements and local government expectations is provided through contracts with affected localities.

Under this task, it is anticipated that a major outreach initiative will be conducted in support of the Elizabeth River TMDLs, outreach in support of other ongoing TMDL Studies, and development of Implementation Plans for Mill and Powhatan Creeks and the Nansemond and Pagan Rivers. Additional specific Implementation Plans to be prepared will be determined in cooperation with DEQ and the affected localities.

Products: Reports, Meeting Agendas, Meeting Minutes

TASK NUMBER	FUNDING SOURCE	REVISION AMOUNT	DATE/AMOUNT	FUNDED AGENCY
2982	DEQ	\$15,000		HRPDC
2982	HRPDC - Subsidy	\$ 3,424		HRPDC
298208	James City	\$ 6,024		HRPDC
208201	Suffolk	\$ 8,277		HRPDC
208202	Isle of Wight	\$ 3,547		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 – 2010

Hampton Roads Watershed Roundtable

The HRPDC with funding assistance from the Virginia Department of Conservation and Recreation (DCR) will continue the Hampton Roads Watershed Roundtable. The primary elements to be addressed through this project include:

- Facilitate Hampton Roads Watershed Roundtable.
- Regional participation in the development of the Chesapeake Bay TMDL Implementation Plan.
- Issue priorities identified in the previous Fiscal Year by the Roundtable members include water quality and green infrastructure/green building.

It is anticipated that funding to support this program, in part, for the period from January 1, 2008 through December 31, 2008 will be obtained from the Department of Conservation and Recreation.

Products: Meeting Agendas. Meeting Minutes

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
2994	DCR	\$8,000		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Housing and Human Services - Technical Assistance

The HRPDC staff participates in and provides liaison between a number of multi-jurisdictional organizations concerned with a variety of housing and human services issues. Due to its unique access and regional orientation, the HRPDC is frequently asked to provide planning and needs assessment information to support the work of these organizations. The following activities are anticipated:

- Act as Regional Administrator and fiscal agent for the Hampton Roads Loan Fund Partnership, a state-sponsored homeownership program for low-income households.
- Support the research, educational and professional training activities of the Hampton Roads Housing Consortium (HRHC), a regional association of government, non-profit and private sector housing organizations.
- Host periodic meetings of Consolidated Plan coordinators from city governments.
- Participate as Board Member for Senior Services of Southeast Virginia.
- Serve on the VHDA Senior Taskforce

In addition to the external assistance noted above, the staff will monitor U.S. Census releases and other available data to identify significant trends in housing, income distribution and social characteristics with particular emphasis on:

- Composition, age, quality and market value of the housing stock.
- Housing availability and affordability for various demographic groups.

Products: Studies, Reports, Seminars, Letters/Memoranda, Speaking appearances

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
300100	HRPDC	\$109,205		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Hampton Roads Loan Fund Partnership (HRLFP) Administrative Support

The HRLFP was organized in late 1996 to enable participation in the Virginia Single Family Regional Loan Fund, a statewide homeownership assistance program for low income households. Along with its goals for expanding homeownership opportunity, the HRLFP supports local community development priorities by providing down payment and closing cost assistance to low income households.

HRLFP partner organizations include Redevelopment and Housing Authorities, local governments and nonprofit housing organizations. By mutual agreement of the partner organizations, HRPDC acts as Regional Administrator for the HRLFP and fiscal agent for pass-through funds from the Department of Housing and Urban Development's HOME funding program.

HRLFP funds are divided into two elements for accounting purposes:

- Element 3004 administrative funds are provided by VDHCD to offset program-related labor, document reproduction, mailing, telephone charges and miscellaneous costs incurred by the HRPDC staff.
- Element 3005 is a pass through account for processing federal down payment and closing cost assistance funds provided through VDHCD.

Products: Homeownership assistance loans, progress and status reports

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
300410	VDHCD	\$ 19,998		HRPDC
300500	VDHCD	\$235,000		Home Buyers

Hampton Roads Unified Planning Work Plan

FISCAL YEAR 2009 - 2010

Regional Emergency Management

The HRPDC emergency management staff will continue to support Regional Emergency Management Technical Advisory Committee (REMTAC). The Chairperson will provide strategic oversight for REMTAC with the support of the HRPDC staff. A multi-year strategic planning charter will be drafted to help guide emergency management activities of regional importance to all jurisdictions linked to the HRPDC in order to better define the mission, vision, and goals of this technical advisory committee and regional efforts.

- Currently, there is no regional agreement and medium among the localities to participate in supporting (administratively and/or financially) operational regional emergency management and homeland security capabilities developed through grant initiatives for public safety. A significant amount of grant money (in excess of \$20 million) has been invested in developing regional capabilities, which several are nearing the conclusion of their performance period in the next year, or which are in the planning stage for development into a regional operational capability.
 - These include:
 - The HRTacRAN (microwave communications system) and the ORION initiative for interoperable communications;
 - WebEOC as a consequence management tool for disaster management in EOCs;
 - Regional Catastrophic Plans being developed with regional catastrophic planning grant funds;
 - A regional special needs website and database (to be connected for planning uses to WebEOC through the Regional WebEOC Fusion Server);
 - A Mobile Command Vehicle for use by the Virginia Port Authority and the All-Hazards Incident Management Team to be developed;
 - Metropolitan Medical Response System Strike Team assets;
 - The First Responder Authentication Credential (FRAC) to be expanded to response and recovery first responders;
 - Risk Analysis and Capabilities Assessments
 - Critical Infrastructure and Key Resource assessments and data management systems
 - The staff will conduct research on regional emergency management and homeland security processes, agreements, service authority entities, and the best practices utilized for sustaining maintenance and service agreements for

operational capabilities developed with grant funding. A full report with the findings and recommendations will be produced.

- Special Needs Populations will continue to be addressed by the REMTAC Special Needs Subcommittee and HRPDC Staff, including the Regional Special Needs Planner and WebEOC Coordinator (private consultant), through outreach activities, and planning with the supplementary implementation and advancement of WebEOC using Urban Area Security Area (UASI) grant funds. Also, the Special Needs website with a registry for individuals with Medical Special Needs and those organizations that support populations with social needs will be implemented, promoted, and maintained. This project is managed under the 3980 element on behalf of REMTAC with the technical component implemented with the Urban Area Security Initiative (UASI) element.
- The development of a newly developed Pet Planning Subcommittee by RETMAC will be supported by the HRPDC staff. Support will be provided to research equipment and supplies needed to assist localities in operationalizing pet plans develop for disasters and management of pets at shelters. This project is managed under the 3980 element on behalf of REMTAC with the technical component implemented with the Urban Area Security Initiative (UASI) element.
- A Regional Capabilities Assessment methodology and tool will continue to be researched and developed by the HRPDC staff. The methodology and tool will either be used by the staff and/or a consultant/contractor selected by the project manager with the concurrence of the Hampton Roads Urban Area Work Group (UAWG). REMTAC will remain informed and technical advisement will be sought throughout the process. This project is managed under the 3980 element on behalf of REMTAC with the technical component implemented with the Urban Area Security Initiative (UASI) element.
- HRPDC Staff will continue as tasked by House Joint Resolution (HJR) 155, to study automatic aid throughout the region, with the support of REMTAC, the Hampton Roads Police Chiefs Association, the Hampton Roads Fire Chiefs Association, 911 dispatchers from all localities, and military bases in the region culminating in a final report in the end of 2009.
- The Regional Catastrophic Planning Grant Program was established in 2008 with support from the HRPDC. The HRPDC staff will continue its support of the grant to the Regional Catastrophic Planning Team for the three projects. The three projects include (1) Mass Evacuation and Transportation Planning; (2) Mass Care and Shelter Planning; and (3) Commodities and Resource Management.
- The Virginia Department of Transportation (VDOT) Hurricane Preparedness Committee will continue to be supported by the HRPDC Staff. Support will also be

provided to assist the pet evacuation subcommittee established to address subsequent pet evacuation concerns by the VDOT hurricane evacuation planners.

- The Department of Homeland Security's (DHS) Urban Area Security Initiative (UASI) Grant (a component of the Homeland Security Grant Program) support will continue. REMTAC will continue to participate in this grant program by supporting the UAWG. The Regional UASI Planner and HRPDC staff will continue to provide staff and liaison support to REMTAC for developing and submitting proposals (known as investment justifications {IJ}) to the UAWG.
- Strategic planning for the development of a regional Critical Infrastructure and Key Resources (CIKR) committee will be initiated by the HRPDC staff in coordination with the Office of Commonwealth Preparedness, REMTAC, the UAWG, and other key stakeholders from the 18 public and private sectors identified in the National Infrastructure Protection Plan (NIPP). Planning will consist of drafting a charter with a clear mission, vision, and goals that support the NIPP and the Virginia Infrastructure Protection Plan released in July 2008.
- The annual Healthcare Organization Emergency Preparedness Seminars (HOEPS) will continue to be supported by the HRPDC staff, the REMTAC HOEPS Subcommittee, and other stakeholders (i.e. HRMMRS). The focus of the seminars is to provide emergency preparedness information, education and guidance to assisted living facilities, nursing homes, mental health facilities, dialysis centers, group homes, home health agencies, and other similar stakeholders. Funding sources are garnered from the HRPDC, HRMMRS, PEMS (Peninsulas EMS Council) and ASPR (Health and Human Services office of the Assistant Secretary for Preparedness and Response) as available.
- Regional Debris Management contract support will continue as needed for the current contracts and their subsequent option years out to 2013. The HRPDC staff, along with Southeastern Public Service Authority of Virginia, Virginia Peninsulas Public Service Authority, localities and other subject matter experts will continue to provide updated pricing and any needed revisions before hurricane season each year. Current VDEM debris contracting efforts should reflect our contract pricing layout. This will help localities compare pricing and capabilities to best fit their needs.
- Regional Hazard Mitigation Planning support will be provided by HRPDC staff for updating local and/or regional Hazard Mitigation Plans. Staff support will consist of supporting localities and contractors/consultants selected by localities to perform hazard mitigation planning. Support will consist of providing supporting research and review of plans with the localities emergency management representatives.

- Regional Inmate Evacuation Planning is a new initiative started in FY2009 at the request of the Hampton Roads Regional Jail and Inmate Evacuation Committee. Support from the HRPDC Emergency Management Staff will be in the form of drafting planning templates, reviewing plans drafted, acquiring and supporting jail/inmate emergency management training, and promoting regional collaboration between emergency management, law enforcement, and corrections officials.
- Peninsula and Southside Local Emergency Planning Commissions (LEPCs) will continue to be supported. The HRPDC Emergency Management staff will provide on-going support and assistance to LEPCs that develop, maintain and update a regional Hazardous Materials Emergency Response Plans (i.e. entitled the Peninsula Local Emergency Response Plan, for the Peninsula) in accordance with SARA Title III.
- The Emergency Management staff will continue to provide emergency management planning support to the Virginia Department of Health Regional Emergency Preparedness and Response representative for the Cities Readiness Initiative under the Centers for Disease Control and Prevention (CDC) Strategic National Stockpile program. The planning is a collaborative effort with REMTAC and fosters cross discipline planning for emergencies rising from biological agents capable of causing health related emergencies.
- The HRPDC Emergency Management staff will continue to provide on-going support to the Hampton Roads Interoperability Communications Advisory Committee (HRICAC). Support will be a collaborative effort to foster regional communications capabilities and projects with established and new emergency management and homeland security initiatives. Also, the HRPDC will serve as the fiscal agent for a maintenance contract for the regional microwave communications system known as Hampton Roads Tactical Regional Area Network (HRTacRan).
- The HRPDC Emergency Management staff will continue to maintain a relationship with the Hampton Roads Emergency Management Training, Analysis & Simulation Committee (EMTASC) that serves to mitigate loss of life and property due to manmade and natural disasters by preparing emergency command and management personnel and organizations. The Committee embodies world-class expertise from the regions private sector to collectively strategize the development and testing of state-of-the-art modeling and simulation tools to conduct training, exercises, analysis, and operational support for disaster management and homeland security situations.
- The HRPDC Emergency Management staff will continue to maintain a relationship with the Virginia Modeling, Analysis and Simulation Center (VMASC) managed through the Office of Research at Old Dominion University. Through this multi-disciplinary modeling, simulation and visualization collaborative research center, the

Emergency Management staff provides emergency management and homeland security subject matter expertise from a local and a regional perspective to the various Clusters (i.e. Transportation/Evacuation, Homeland Security, and EMTASC) in a collaborative effort for all-hazards planning.

- The Virginia Area Maritime Security Committee (AMSC) will continue to be supported by the Emergency Management staff as the committee continues to develop a plan that provides an all-hazard operational framework and long-term preparedness program for facilitating the recovery of the U.S. Marine Transportation System (MTS) from either a natural, technological, or man-made disaster. A central component of this program is the pre-incident preparation of an MTS Unit (MTSU) by the Captain of the Port (COTP) in partnership with the AMSC, port stakeholders, local public safety officials (i.e. emergency management, fire and law enforcement agencies) and the establishment of an MTS Recovery Unit (MTSRU). The HRPDC will provide emergency planning support for MTS recovery planning and preparation by serving as an advisory member to the director of the MTSRU, AMSC, and COTP.

When a critical regional emergency management issues are identified, either by the HRPDC, the localities, or by staff, at the request of REMTAC, the issue will be placed on the REMTAC agenda for discussion in order to develop a plan of action for said issues if so warranted.

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
3980	HRPDC	\$314,791		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Metropolitan Medical Response System (MMRS) Planning – 2007 Grant
Metropolitan Medical Response System (MMRS) Planning – 2008 Grant
Metropolitan Medical Response System (MMRS) Planning – 2009 Grant
Metropolitan Medical Response System (MMRS) Sustainability

Planning

Total federal funding for the Hampton Roads Metropolitan Medical Response System (HRMMRS) has now reached \$10,891,643 from August 1999 through the latest grant award beginning September 1, 2009. These funds have been, and continue to be, used for the creation and maintenance of an HRMMRS Plan and to support a Hampton Roads Metropolitan Medical Strike Team (HRMMST). This includes the purchase of pharmaceuticals, equipment, personal protective equipment, training, exercises and planning of all components of both the Plan and the Strike Team. Many sections of the Hampton Roads first responders are involved in this process including, but not limited to: emergency management, fire, law enforcement, haz mat, hospitals, public health, the military, and the local FBI regional WMD office.

Several previous awards have been completed and are not part of this summary. The ones remaining active are listed below.

The 2007 Grant (398907) will use its remaining \$300,000 (of a total award of \$1,032,581) in fiscal year 2010. The majority of these funds will be used for the purchase of generators for Special Needs Shelters, pharmaceuticals to strengthen mass prophylaxis, and to pay for training and exercises in the Triage and Pre-Hospital Treatment capabilities areas.

The 2008 Grant (398908) will use approximately \$500,000 (of a total award of \$1,284,884) in fiscal year 2010. These funds will mainly be used for the purchase of Mass Casualty/Evacuation Transport Units, generators for Special Needs Shelters, training and exercises in the Triage and Pre-Hospital Treatment capabilities area, and support of Medical Reserve Corps programs.

The 2009 Grant (398909) will use approximately \$300,000 (of a total award of \$1,284,884) in fiscal year 2010. These funds will mainly be used for the purchase of Mass Casualty/Evacuation Transport Units, supplies for Special Needs Shelters, training and exercises in the Triage and Pre-Hospital Treatment capabilities area, and support of Medical Reserve Corps programs.

Sustainability

This locally funded project (398700) was established to maintain continuity for the first responders in equipment and pharmaceuticals once the federal funding ceased, as well as to purchase those items not allowed under the federal award process. (This last included the trucks used to pull the Strike Team equipment and communications trailers.) The HRPDC has contracted with the Tidewater Emergency Medical Services, Inc. (TEMS), to provide program management, including a program manager, as well as to continue monitoring and replacement of equipment and pharmaceutical caches. Local jurisdictional assessment of \$.20 per capital are collected by the HRPDC and used to pay TEMS for these services. TEMS is working in coordination with the Peninsulas Emergency Medical Services (PEMS) to ensure that both Southside and the Peninsula are sufficiently covered.

This program continues to be a national model for regionalism, and local success includes enhancing communications between various first responder communities throughout the Region: Fire, Law Enforcement, Military, Health Departments, Hospitals, and local Emergency Managers, as well as an on-field communications system of radios to connect the various responders at a scene. The MMRS funds (both local and federal) have been used to supplement both the ORION COPS award to Virginia Beach for radio interoperability throughout the region, as well as the UASI Medical Special Needs award for WebEOC to connect emergency operations centers throughout the region.

The Region now has a core group of people who are cognizant of the medical response needs of the entire region, and who have established a working network to ensure that the Region, as a whole, is covered in the event of a mass casualty, no matter what the cause. To keep this group focused and up-to-date, the Region must continue to be actively involved in the sustainment and continued development of this vital program.

In conjunction with the activities of the HRMMRS, this program also coordinated both its purchases of equipment and its training and exercises with the newly formed UASI activities. This leverages both the federal grants and local funds used to support these efforts, and avoids duplication of efforts and purchases.

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
398907	DHS/VDem/VDH	\$300,000		HRPDC
398908	DHS/VDem/VDH	\$500,000		HRPDC
398909	DHS/VDem/VDH	\$300,000		HRPDC
398700	LOCAL GOVTS	\$328,334		HRPDC/TEMS

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Rural Transportation Planning

The Hampton Roads Planning District Commission (HRPDC), in cooperation with the Virginia Department of Transportation (VDOT), will continue to develop an ongoing transportation planning process for the City of Franklin and Southampton County. During FY 2010, the HRPDC will carry out the following activities:

Rural Long Range Transportation Plan

The HRPDC, in cooperation with VDOT, will continue the statewide initiative begun in FY 2007 to develop regional long range transportation plans in rural areas that complement those in the metropolitan areas of the state. The development and components of each Rural Long Range Transportation Plan (RLRP) is modeled after the federally mandated metropolitan transportation planning process (continuing, comprehensive, and cooperative). The transportation plans have a minimum planning horizon of 20 years and will address the expected impacts of population and employment growth on the transportation system. Each RLRP is being developed as a vision plan and will be reviewed every five years. It is VDOT's goal that each region will be able to use these plans to identify regional priorities for transportation funding as well as serve as a foundation for identifying system priorities for both the Six-Year Improvement Program and Secondary Six-Year Plan. The list of recommendations from these regional plans will also be used in the statewide transportation planning process to better quantify the statewide magnitude of needs. The analyses and plan recommendations are limited to federal functional classified routes of 'minor collector' and above within the PDC's boundaries that are outside of established metropolitan study areas.

The development of the RLRP is broken into four general phases. These phases are:

- Phase I Goals and Data Collection
- Phase II Analysis and Problem Identification
- Phase III Public Outreach and Recommendation Development
- Phase IV Public Endorsement and Regional Adoption

To fulfill VDOT's rural long range transportation planning initiative in FY 2010, HRPDC will work with VDOT and VDOT's consultant team to conduct the following activities:

- Complete all unfinished tasks and deliverables from Phases I, II, and III
- Coordinate the review of draft plan recommendations and plan elements with the Rural Transportation Technical Committee
- Coordinate and assist with the public and stakeholder involvement process

- Assist VDOT and their consultant team with presentations to the Planning Commission throughout plan development
- Work with Planning Commission to secure formal adoption/approval of the RLRP

Congestion Management Process

Based on VDOT's 2005 proposal to use the Rural Transportation Planning Assistance Program to achieve regional long-range planning for rural areas of each PDC, the HRPDC will continue the process of including its rural localities in the Congestion Management Process (CMP). The CMP task for the rural areas will include the following major activities:

- Complete the portion of the CMP technical report involving the rural areas. This will be similar to the work performed for the metropolitan area and will include:
 - An analysis of traffic volumes, historical trends, congestion, and related issues on the CMP network
 - A review of current congestion mitigation efforts
 - Analyses for developing countermeasures for congestion and related problems
 - Proposed countermeasures for congestion, and related, problems
 - An analysis of the impacts of proposed countermeasures on CMP goals (related to congestion, emissions, energy, and safety)
 - Develop cost-effective countermeasures for congestion, emissions, energy, and safety problems
 - Coordinate proposed countermeasures with recommendations of the Rural Long-Range Transportation Plan (RLRP)
 - Continue to update the CMP database with the most current traffic counts and roadway characteristics
 - Continue to collect, update, and analyze transportation data from various sources

Regional Safety Planning

The rural localities will be analyzed and included in the update to the Hampton Roads Regional Safety Study: General Crash Data and Trends report. This report will update the General Crash Data and Trends report that was released in FY 2008. The updated report will include crash data and trends on a jurisdictional and regional level. HRPDC staff will also work closely with VDOT as the organization conducts their safety planning efforts. This includes participating in statewide and regional safety-related committees and participating in roadway safety assessments conducted by the state and their consultants.

Technical Assistance and Coordination

Upon request, and in coordination with VDOT and/or the local governments, the HRPDC will provide technical assistance in transportation planning and analysis in accordance with needs identified by rural localities.

Technical Assistance to Multimodal Planning Office

In addition, HRPDC will provide support for the Statewide Multimodal Long-Range Transportation Plan being coordinated through the Secretary of Transportation's Multimodal Planning Office. The HRPDC will also provide input and assistance, as needed, to the Multimodal Planning Office as they develop the Annual Statewide Transportation Performance Report and continue the Statewide Multimodal Freight Study begun in FY 2007.

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
470109	SP&R	\$58,000		HRPDC
	HRPDC Match	\$14,500		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Hampton Roads Economic Data Book

The staff will update the HRPDC Regional Data Book. The data series in this publication cover such items as employment, income, population, retail sales, unemployment, building permits, recently released census data as well as other indicators. In an effort to increase data accessibility and reduce publishing costs, the published version of the 2010 Data Book will be limited to recent historical data. Complete data sets will be made available for download via the HRPDC website. The data book website will also include extensive data links to a variety of information sources. This task serves as one of several critically important components of the region's economic database.

Product: Report, Website

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
591000	HRPDC	\$21,358		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Regional Benchmarking

The staff will complete its fifth annual benchmarking study. This report will contain text, graphs, and tables designed to reveal changes in long-term trends in the region. Comparisons will be made against changes occurring in competitor or reference metropolitan regions in the Mid-Atlantic and Southeastern states. The report will be designed to be diagnostic in nature so as to help the leaders of Hampton Roads identify the region's strengths and weaknesses. Indicators reviewed in the report will include population, employment, unemployment, retail sales, defense spending, transportation conditions, education, military activity as well as other related statistics.

Product: Report

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
591500	HRPDC	\$34,471		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Economic Impact Studies

The economics staff will continue its efforts to provide economic impact information to the various cities and counties of the Hampton Roads region as well as to the Hampton Roads Economic Development Alliance. Additional studies will also be conducted for area businesses, colleges and universities, military bases and other public sector entities as well as for members of the local media. The staff will rely primarily on the REMI model for this work.

Product: Interviews, Studies, and Reports

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
593000	HRPDC	\$18,597		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Annual Economic Forecast

The staff will produce a forecast for the regional economy for 2010. This work effort will contain a review of trends in the regional economy over the preceding year along with a detailed forecast for 2010. The forecast will cover employment, unemployment, gross regional product, retail sales, value of residential building permits, auto sales, and lodging receipts. A presentation will be made at the quarterly Commission meeting in January. Additional presentations of the forecast will be made available to organizations throughout the region.

Product: Report

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
594000	HRPDC	\$27,451		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Economic Technical Assistance

This work element covers a variety of activities – many of which are ongoing efforts from one year to the next. This activity will include the extensive effort made to prepare and present data, ideas, analysis, and information to public and private sector entities. Also included are presentations/briefings to local governments and other groups, providing economic consultations, as well as the preparation of charts, graphs, and other visual displays, and writing of material for public distribution. Responding to calls and letters from the general public and the local media are also included in this work task. Efforts to meet economic analysis requests regarding Virginia General Assembly and other policy matters are included under this element of the work program. The staff will also extend the Commission's basic research efforts into new areas of the local economy not thoroughly understood at present.

Product: Studies, Reports, Letters/Memoranda, Speaking appearances

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
595500	HRPDC	\$134,934		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Hampton Roads Economic Quarterly

The region's economy is in a constant state of change. Expectations change as new information becomes available and forecasts are revised in the face of unforeseen developments. Economics staff will continue to provide up-to-date information that is regionally significant through the *Hampton Roads Economic Quarterly*. This quarterly report includes the most current relevant economic indicators as well as narratives that discuss matters of timely importance.

Product: Quarterly Reports

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
596500	HRPDC	\$27,950		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Regional Competitiveness

The Hampton Roads' economy is in constant competition with other metropolitan areas and with economies across the globe. To remain competitive, regional economies must be able to be a supply source for the ever-changing demand of goods and services. A region's workforce is a major component in determining the ability of an economy to adjust to changing needs and demands. Economics staff will conduct a comprehensive analysis of the occupational and industrial composition of the Hampton Roads economy. This effort will include an analysis of the components of economic growth from all regions with particular focus on areas throughout the world that have experienced substantial and sustained growth. Staff will then use the agency's REMI model, and other data tools to assess the region's capacity for growth, and evaluate Hampton Roads' ability to adapt to changes in the global economy.

Product: Report

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
597300	HRPDC	\$32,848		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2009 - 2010

Comprehensive Economic Development Strategy

The purpose of a Comprehensive Economic Development Strategy (CEDS) is to foster collaboration between the public and private sectors for the purpose of developing a unified plan for a region's economic future. The goal of a CEDS document is to diversify and strengthen a regional economy by establishing a shared vision for regional goals and objectives, developing a regional plan of action, and identifying investment priorities and funding strategies. In addition to the inherent value of creating a unified development strategy, a CEDS document is often a requirement for receiving funding from the Economic Development Administration.

The U.S. Department of Commerce has outlined specific technical requirements for the development of a CEDS; requirements which HRPDC staff are uniquely equipped to address. HRPDC staff will assist the Hampton Roads Partnership in the development of a CEDS for the Hampton Roads region.

Product: Report

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
598300	HRPDC	\$38,185		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PLAN

FISCAL YEAR 2009 - 2010

First Responder Authentication Credential (FRAC)

The Emergency Management staff will continue to foster the First Responder Authentication Credential (FRAC) pilot program in Hampton Roads initiated and lead by the Governor's Office of Commonwealth Preparedness (OCP) through State Homeland Security Grant funds. OCP is the lead agency for this initiative. The FRAC initiative is serving as a model credentialing program for other regions to enhance cooperation between federal, state, local, private and volunteer sector Emergency Responders before and during a critical incident. The HRPDC will serve as the administrative fiscal agent for this program by providing staff time for the processing of the purchase orders, invoices and accounts payable.

TASK NUMBER	FUNDING SOURCE	AMOUNT	REVISION DATE/AMOUNT	FUNDED AGENCY
630007	VDEM & OCP	\$ 496,410		Vendor
		\$ 15,048		HRPDC
630008	VDEM & OCP	\$1,087,048		Vendor
		\$ 32,952		HRPDC

HAMPTON ROADS UNIFIED PLANNING WORK PLAN

FISCAL YEAR 2009 - 2010

Urban Area Security Initiative (UASI)

The Hampton Roads region was awarded the UASI status in the HRPDC's FY 08 planning cycle. The UASI is an initiative under the Department of Homeland Security (DHS) Homeland Security Grant Program (HSGP).

The HRPDC staff provides program management for this initiative and support for the Hampton Roads Urban Area Working Group (UAWG) which is the authoritative body for the UASI. Additionally, the HRPDC staff provides project management for selected projects as designated by REMTAC and the UAWG.

For the FY 07 HSGP, Hampton Roads was awarded \$7,800,000 through the Grants Program Office at the Virginia Department of Emergency Management. The performance period for the FY 07 UASI grant is from October 1, 2007 through September 30, 2010. There are seven projects involved with the FY07 funding:

- Regional Security and Preparedness Enhancements for Mass Transit
- Hampton Roads Chemical, Biological, Radiological, Nuclear and Explosive/Explosive Ordinance Disposal (CBRNE/EOD) Personal Equipment Enhancement Program (Virginia State Police {VSP}/Virginia Port Authority {VPA})
- Expanding and Enhancing Interoperable Voice and Data Communications
- Virginia Fusion Center Information/Intelligence Sharing
- Expanding and Enhancing Special Needs and Mass Evacuation Regional Capabilities
- Maritime Security and Response (Joint Project With Baltimore Urban Area)
- Multi-Urban-Area Intelligence and Information Sharing (Joint Project with National Capitol Region and Baltimore Urban Areas)

For the FY 08 HSGP, Hampton Roads was awarded \$7,760,000 through the Grants Program Office at the Virginia Department of Emergency Management. The performance period for the FY 08 UASI grant is from October 1, 2008 through September 30, 2011. There are seven projects involved with the FY08 funding:

- Regional Security for Mass Transit
- Expand & Enhance Interoperable Voice & Data
- Hampton Roads Citizen Corps Council Public Education & Outreach Initiatives
- Strengthen & Enhance Special Needs Regional Capabilities
- Hampton Roads Bomb Squad Initiative
- Risk and Capabilities Assessment, Planning and Multi-Regional Coordination (Joint Project With Richmond UASI)
- Coordinated Maritime Security and Response (Joint Project With Baltimore UASI)

For the FY 09 HSGP, Hampton Roads is anticipating an award of \$7,372,000 (+/-10%) from DHS to be passed through the Grants Program Office at the Virginia Department of Emergency Management. The performance period for the FY09 UASI grant will be from October 1, 2009 through September 30, 2012. There are nine projects tentatively approved by the UAWG for the FY 09 funding:

- Enhance Mass Transit Security
- HR Regional License Plate Reader System
- Expand & Enhance Interoperable Voice & Data
- Hampton Roads Citizen Corps Council Public Education & Outreach Initiatives
- Strengthen & Enhance Special Needs Regional Capabilities
- Pet Evacuation & Management Resources
- Incident Management Team
- Maritime Incident Response Team
- Virginia Fusion Center Information/Intelligence Sharing

This project is another opportunity to provide support and develop regional operational initiatives for the region's homeland security partners, to include public, private, and non-profit agencies. Emergency Management, Fire, Law Enforcement, Health, Public Safety, Higher Education, Ports, Critical Infrastructure and Key Resources (CI/KR), and a host of other partners are an example of those entities supported by the UASI initiative.

FY 07 UASI

Task Number	Funding Source	Full Grant Amount	FY10 Amount	Revision Date/Amount	Funded Agency
650007	DHS via VDEM	\$200,000	\$148,518		HRPDC/M&A
650107	DHS via VDEM	\$147,500	\$0 (Project Complete)		Mass Transit (HRT & WATA)
650207	DHS via VDEM	\$270,970	\$141,111		VA Port Authority
650307	DHS via VDEM	\$3,513,780	\$2,264,388		Interoperability (HRICAC)
650407	DHS via VDEM	\$217,526.50	\$170,839.39		Fusion Center (VSP)
650507	DHS via VDEM	\$2,750,187.50	\$1,481,862		HRPDC/Medical Special Needs *
650607	DHS via VDEM	\$300,000	\$300,000		HRPDC/Maritime Security *
650707	DHS via VDEM	\$400,000	\$400,000		HRPDC/LiNX *

*Project managed by HRPDC EM staff

FY 08 UASI

Task Number	Funding Source	Full Grant Amount	FY10 Amount	Revision Date/Amount	Funded Agency
650008	DHS via VDEM	\$116,400	\$50,000		HRPDC/M&A
N/A	DHS via VDEM	\$250,000	\$83.333		Mass Transit (HRT)
N/A	DHS via VDEM	\$4,000,000	\$1,333,333		Interoperability (HRICAC)
N/A	DHS via VDEM	\$600,000	\$200,000		HR Citizen Corps Council (Chesapeake OEM)
650508	DHS via VDEM	\$875,000	\$437,500		HRPDC/Medical Special Needs *
N/A	DHS via VDEM	\$1,002,000	\$334,000		HR Bomb Squads
650108	DHS via VDEM	\$500,000	\$250,000		HRPDC/Capabilities Assessment *
650608	DHS via VDEM	\$300,000	\$222,500		HRPDC/Maritime Security *

*Project managed by HRPDC EM staff

FY 09 UASI

Task Number	Funding Source	Full Grant Amount	FY10 Amount	Revision Date/Amount	Funded Agency
650009	DHS via VDEM				HRPDC/M&A
65000X	DHS via VDEM				Mass Transit
65000X	DHS via VDEM				HR Chiefs of Police (Norfolk)
65000X	DHS via VDEM				Interoperability (HRICAC)
65000X	DHS via VDEM				HR Citizen Corps Council (Chesapeake OEM)
65000X	DHS via VDEM				HRPDC/Medical Special Needs *
65000X	DHS via VDEM				HRPDC/Pet Evac & Mgmt *

65000X	DHS via VDEM	Incident Management Team (HR Fire Chiefs)
65000X	DHS via VDEM	Maritime Incident Response Team (VPA)
65000X	DHS via VDEM	Fusion Center (VSP)

*Project managed by HRPDC EM staff